Test Report issued under the responsibility of

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TEST REPORT
IEC 60335-2-6
Safety of household and similar electrical appliances
Part 2: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances

Report Reference No.....:	226187	
Date of issue.....:	2012-12-21	
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Applicant's name.....:	Tecnowind S.p.A.	
Address .....:	Via Piani di Marischio 19, I-60044 FABRIANO (AN), ITALY	
Test specification:		
Standard.....:	IEC 60335-2-6: 2002 (Fifth edition) + A1: 2004 + A2: 2008 in conjunction with IEC 60335-1: 2001 (Fourth ed.) (incl. Corr.1: 2002) + A1: 2004 + A2: 2006 (incl. Corr. 1: 2006)	
Test procedure .....:	CB	
Non-standard test method……..:	N	
Test Report Form No.....:	IEC60335_2_6G	
Test Report Form(s) Originator.....:	LCIE.	
Master TRF .....:	Dated 2008-10	

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.

Test item description .....:	Induction hobs for building-in
Trade Mark .....:	
Manufacturer .....:	Same as applicant.
Model/Type reference.....:	PI29.....; See General product information for details.
Ratings .....:	3,4kW to 3,7 kW, 220-240 V~ / 380-415 V~, 50/60 Hz, Cl. I; See General product information for details.

Testing procedure and testing location:	
☒ **CB Testing Laboratory**:	Nemko AS
Testing location/ address ..... :	Gaustadalleen 30 N-0373 OSLO, NORWAY
☐ **Associated CB Laboratory:**	
Testing location/ address ..... :	
Tested by (name + signature) ..... :	Victor He
Approved by (+ signature) ..... :	Andreas Stiansen
☐ Testing procedure: TMP	
Tested by (name + signature) ..... :	
Approved by (+ signature) ..... :	
Testing location/ address ..... :	
☐ Testing procedure: WMT	
Tested by (name + signature) ..... :	
Witnessed by (+ signature) ..... :	
Approved by (+ signature) ..... :	
Testing location/ address ..... :	
☐ Testing procedure: SMT	
Tested by (name + signature) ..... :	
Approved by (+ signature) ..... :	
Supervised by (+ signature) ..... :	
Testing location/ address ..... :	
☐ Testing procedure: RMT	
Tested by (name + signature) ..... :	
Approved by (+ signature) ..... :	
Supervised by (+ signature) ..... :	
Testing location/ address ..... :	

Summary of testing:

This test report replaces test report 168231 due to update of European group differences.

Tests performed (name of test and test clause):

The tested samples are found to comply with the requirements of the relevant product standards.

The sample(s) tested complies with the requirements of IEC 60335-2-6 and IEC 60335-1.

Marking label, user manual, packing text:

Instructions and marking shall be in a language acceptable for the country where the equipment is to be used.

Other product properties:

Depending on the country where the equipment is to be used, national deviations may be considered. Samples of the modified product may be tested again according to relevant clauses of the product standard, modified by national deviations.

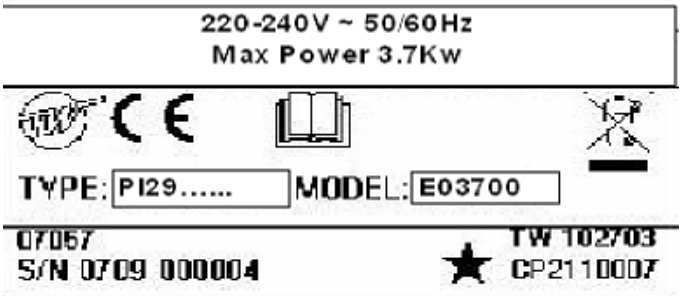
Testing location:

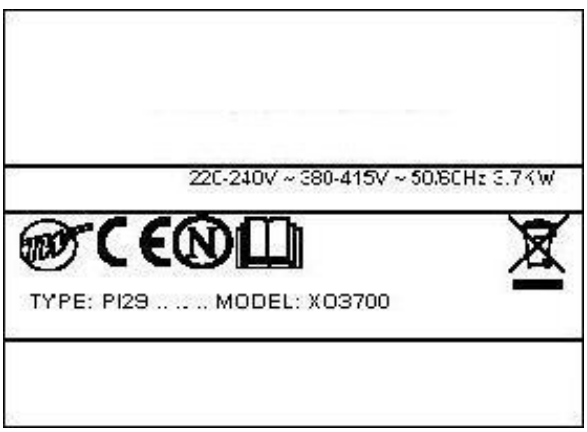
Nemko AS
Gaustadalleen 30
N-0373 OSLO
NORWAY

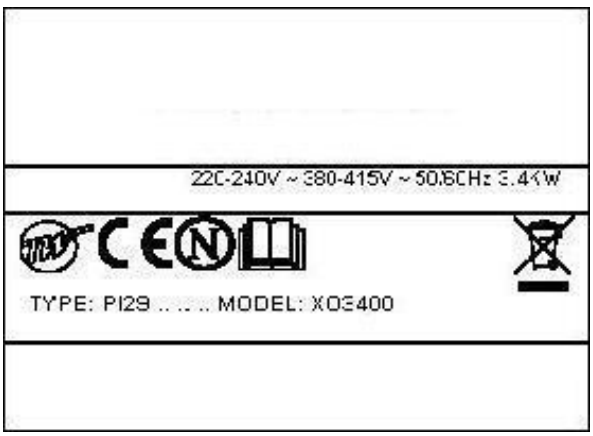
Summary of compliance with National Differences:

European group differences and national differences.
EN 60335-2-6 2003 + A1:2003 + A2: 2008 **+ A11: 2010 +A12:2012** used in conjunction with
EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 +A14:2010 **+A15:2011** and
EN 62233 :2008

Copy of marking plate:







Name and address of production-sites (Factories):

Same as applicant.

List of attachments:

Attachment 1: European group differences and national differences (15 pages)

Attachment 2: Component list for induction generators and electronic power boards, see components list (6 pages)

Attachment 3: Photograph (13 pages)

Test item particulars	:	Induction hobs for building-in
Classification of installation and use	:	Built-in appliance, unattended use
Supply Connection	:	Flexible cord for connection to permanent installation,
	:	type X attachment.
	:	
Possible test case verdicts:		
- test case does not apply to the test object	:	N/A (Not applicable)
- test object does meet the requirement	:	P (Pass)
- test object does not meet the requirement	:	F (Fail)
Testing	:	
Date of receipt of test item	:	2011-02-16
Date (s) of performance of tests	:	2011-03-18 – 2011-04-08

General remarks:

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 testing laboratory.
"(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.

General product information:

The appliances are induction hobs for built-in use.

The following models are covered by this test report:

Number:	Type:	Model:	Rated power input	Rated voltage	Rated frequency
1	PI29.....	EO3700	3700 W	220-240 V~	50/60 Hz
2	PI29.....	XO3700	3700 W	220-240 V~ / 380-415 V~	50/60 Hz
3	PI29.....	XO3400	3400 W	220-240 V~ / 380-415 V~	50/60 Hz

All models are class I appliances.

Explanation of type and model names:

Type:

PI29: Induction hobs, 29 cm wide.

First two dots of type name as indicated by model:

EO: Electronic regulator, horizontal
XO: New induction hob tecnology, electronic regulator, central position

Last four dots of type name as indicated by model:

Rated power input in watts.

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict

5	GENERAL CONDITIONS FOR THE TESTS		–
	Tests performed according to cl. 5, e.g. nature of supply, sequence of testing, etc.		P
5.3	Addition: for pyrolytic self-cleaning ovens, the tests of 22.108 to 22.111 are carried out before the tests of Clause 19 (IEC 60335-2-6 : 2002)		N/A
5.4	Addition: appliances that also use gas are supplied with gas at the appropriate rated pressure. Vessels having a diameter of approximately 220mm are filled with 2 l of water, covered with a lid and placed on the hob burners. The controls are adjusted so that the water simmers, water being added when necessary to maintain the level (IEC 60335-2-6 : 2002)		N/A
5.101	Class III temperature-sensing probes are only subjected to the tests of Clause 19 (IEC 60335-2-6 : 2002)		N/A

6	CLASSIFICATION		–
6.1	Protection against electric shock: Class I, II, III (IEC 60335-2-6 : 2002):	Cl. I	P
6.2	Protection against harmful ingress of water	IPX0	N/A
7	MARKING AND INSTRUCTIONS		–
7.1	Rated voltage or voltage range (V)..... :	220-240 / 380-415	P
	Nature of supply..... :	~	P
	Rated frequency (Hz)..... :	50/60	P
	Rated power input (W)..... :	3,4 kW or 3,7 kW; See general product information for details.	P
	Rated current (A) ..... :		N/A
	For induction hob elements and induction wok elements(IEC 60335-2-6: 2002) total rated power input or rated current		P
	Manufacturer's or responsible vendor's name, trademark or identification mark..... :		P
	Model or type reference..... :	PI29.....; See general product information for details.	P
	Symbol 5172 of IEC 60417, for Class II appliances		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	IP number, other than IPX0 ..... :	IPX0	N/A
	Symbol IEC 60417-5036, for the enclosure of electrically-operated water valves in external hose-sets for connection of an appliance to the water mains		N/A
	Marking of the rated current of the fuse other than D-type fuse for cooking ranges incorporate a socket-outlet. (IEC 60335-2-6 : 2002)		N/A
	Marking of the rated current of the fuse other than D-type fuse (IEC 60335-2-6 : 2002)		N/A
7.2	Warning for stationary appliances for multiple supply		N/A
	Warning placed in vicinity of terminal cover		N/A
7.3	Range of rated values marked with the lower and upper limits separated by a hyphen	220-240 V 380-415 V	P
	Different rated values marked with the values separated by an oblique stroke	50/60 Hz	P
7.4	Appliances adjustable for different rated voltages, the voltage setting is clearly discernible		N/A
7.5	Appliances with more than one rated voltage or one or more rated voltage ranges, marked with rated input or rated current for each rated voltage or range, unless		N/A
	the power input is related to the arithmetic mean value of the rated voltage range		P
	Relation between marking for upper and lower limits of rated power input or rated current and voltage is clear		N/A
7.6	Correct symbols used		P
	Symbol IEC 60417-5010: ON/OFF (push-push) (IEC 60335-2-6 : 2002		P
7.7	Connection diagram fixed to appliances to be connected to more than two supply conductors and appliances for multiple supply		N/A
7.8	Except for type Z attachment, terminals for connection to the supply mains indicated as follows:		–
	- marking of terminals exclusively for the neutral conductor (N)		N/A
	- marking of protective earthing terminals (symbol 5019 of IEC 60417)		P
	- marking not placed on removable parts		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
7.9	Marking or placing of switches which may cause a hazard		N/A
7.10	Indications of switches on stationary appliances and controls on all appliances by use of figures, letters or other visual means.....:	"+", "-"; "P" symbol for boost; standard symbol for ON/OFF, 1 digit LED display for power level (0 to 9) of each hob.	P
	The figure 0 indicates only OFF position, unless no confusion with the OFF position	LED display for each hob element, figure 0 indicates off.	P
	The figure 0 indicates OFF position and figure I indicates ON position of touch controls for hobs or (IEC 60335-2-6:2002)	Symbol used: 	P
	for each hob element (IEC 60335-2-6:2002)		P
7.11	Indication for direction of adjustment of controls		P
7.12	Instructions for safe use provided		P
	Instructions shall include the following: (IEC 60335-2-6:2002)		–
	Warning: If the surface is cracked, switch off the appliance to avoid the possibility of electric shock, for hob surfaces of glass-ceramic or similar material which protect live parts		P
	During use the appliances becomes hot. Care should be taken to avoid touching heating elements inside the oven, for cooking ranges and ovens		N/A
	Instructions for ovens: (IEC 60335-2-6:2002)		–
	Warning: Accessible parts may become hot during use. Young children should be kept away.		N/A
	Instructions for ovens having doors with glass panels: (IEC 60335-2-6:2002)		–
	Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.		N/A
	If during the test of Clause 11, the temperature rise at the centre of the internal bottom surface of a storage drawer exceeds that specified for handles held for short periods in normal use, the instruction shall state that these surfaces can get hot.		N/A
	Instructions for pyrolytic self-cleaning ovens shall: (IEC 60335-2-6:2002)		–
	- state that excess spillage must be remove before cleaning		N/A
	- specify which utensils can be left in the oven during cleaning		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	- children should be kept away		N/A
	Instructions for ovens incorporating a fan with a guard that can removed for cleaning shall state that: (IEC 60335-2-6:2002)		–
	- the oven must be switched off before removing the guard and		N/A
	- after cleaning, the guard must be replaced in accordance with instructions		N/A
	Instructions for ovens provided with a facility to use a temperature-probe shall include the following: (IEC 60335-2-6:2002)		–
	-Only use the temperature probe recommended for this oven		N/A
	Instructions for cooking ranges, hobs and oven (IEC 60335-2-6:2002)		–
	-shall state a steam cleaner is not be used		P
	Instructions for induction hobs shall state the following: (IEC 60335-2-6:2002)		–
	-Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot		P
	Instructions for hobs incorporating a lid shall state (IEC 60335-2-6:2002)		–
	-Any spillage should be removed from the lid before opening. They also state than that		N/A
	- Hob surface should be allowed to cool before closing the lid		N/A
	Instructions for hobs incorporating halogen lamps shall warn the user not to stare at the hob elements (IEC 60335-2-6:2002)		N/A
	Instructions for hob incorporating a pan detector shall include the following (IEC 60335-2-6:2002)		–
	-After use, switch off the hob element by its control and do not rely on the pan detector		P
	Instructions for appliances incorporating a lamp for illumination, and does not incorporate a switch providing full disconnection under overvoltage category shall state the following: (IEC 60335-2-6:2002)		–
	-Warning - Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock .		N/A
	The instructions for hobs shall state that the appliance is not intended to be operated by means of external timer or separated remote-control system (IEC 60335-2-6:2002)		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	The instructions for hobs incorporating an induction wok element shall contain a list of vessels that can be used, unless the manufacturer provides a wok with the appliance (IEC 60335-2-6:2002)		N/A
	The instructions for ovens that have shelves shall include details indicating the correct installation of the shelves (IEC 60335-2-6:2002)		N/A
7.12.1	Sufficient details for installation supplied		P
	Instructions concerning cooking ranges placed on the floor. (60335-2-6)		N/A
	maximum rated pressure for appliance intended to be connected to the water supply. (60335-2-6)		N/A
7.12.2	Stationary appliances not fitted with means for disconnection from the supply mains having a contact separation in all poles that provide full disconnection under overvoltage category III, the instructions state that means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules		P
7.12.3	Insulation of the fixed wiring in contact with parts exceeding 50 K during clause 11; instructions stating that the fixed wiring must be protected		P
	Instructions for cooking range does not have a supply cord shall state the type of cord to be used, taking into account the temperature of the rear surface of the appliance (IEC 60335-2-6:2002)		N/A
7.12.4	Instructions for built-in appliances:		–
	- dimensions of space		P
	- dimensions and position of supporting means		P
	- distances between parts and surrounding structure		P
	- dimensions of ventilation openings and arrangement		P
	- connection to supply mains and interconnection of separate components		P
	- allow disconnection of the appliance after installation, by accessible plug or a switch in the fixed wiring, unless		P
	a switch complying with 24.3		N/A
	Instructions for built-in appliances having a separate control panels shall state the control panel is only to be connected to heating units specified in order to avoid a possible hazard (IEC 60335-2-6:2002)		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
7.12.5	Replacement cord instructions, type X attachment with a specially prepared cord		P
	Replacement cord instructions, type Y attachment		N/A
	Replacement cord instructions, type Z attachment		N/A
7.12.6	Caution in the instructions for heating appliances with a non-self-resetting thermal cut-out		N/A
7.12.7	Instructions for fixed appliances stating how the appliance is to be fixed		P
7.12.8	Instructions for appliances connected to the water mains:		–
	- max. inlet water pressure (Pa) .....:		N/A
	- min. inlet water pressure, if necessary (Pa) .....:		N/A
	Instructions concerning new and old hose-sets for appliances connected to the water mains by detachable hose-sets		N/A
7.13	Instructions and other texts in an official language	Only English version checked. The user's instructions will be in the official language(s) of the nation where it will be sold.	P
7.14	Marking clearly legible and durable		P
7.15	Marking on a main part		P
	Marking clearly discernible from the outside, if necessary after removal of a cover		P
	For portable appliances, cover can be removed or opened without a tool		N/A
	For stationary appliances, name, trademark or identification mark and model or type reference visible after installation		N/A
	For fixed appliances, name, trademark or identification mark and model or type reference visible after installation according to the instructions		N/A
	Or included in the instruction of use (IEC 60335-2-6:2002)		P
	Or on an additional label fixed near the appliance after installation (IEC 60335-2-6:2002)		N/A
	Indications for switches and controls placed on or near the components. Marking not on parts which can be positioned or repositioned in such a way that the marking is misleading		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Marking for rated current of the fuse protecting a socket-outlet placed on or near the socket-outlet (IEC 60335-2-6:2002)		N/A
7.16	Marking of a possible replaceable thermal link or fuse link clearly visible with regard to replacing the link		N/A
7.101	Marking of the maximum water level, which shall be visible during filling, for steam generators intended to filled manually (IEC 60335-2-6:2002)		N/A
7.102	Appropriate marking the cooking zone of hob surfaces unless (IEC 60335-2-6:2002)		P
7.103	For cooking ranges that are normally placed on the floor and that have horizontally hinged oven doors with a hinge height of less than 430mm from the floor, if a stabilizing means is necessary in order to comply with the test of 20.102, then: (IEC 60335-2-6:2002)		N/A
	-The stabilizing means shall be marked, in lettering at least 3mm high, with the substance of the following warning: WARNING: in order to prevent tipping of the appliance, this stabilizing means must be installed. Refer to the instructions for installation.		N/A
	-The appliance shall be marked, in lettering at least 3mm high, at the point of supply entry and at least one other point to draw the attention of the user to the need to stabilize the appliance.		N/A
	it is obvious (IEC 60335-2-6:2002)		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
	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: no contact with live parts		P
8.1.2	Use of test probe 13 of IEC 61032 through openings in class 0 appliances and class II appliances/ constructions: no contact with live parts		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Test probe 13 also applied through openings in earthed metal enclosures having a non-conductive coating: no contact with live parts		N/A
	Test probe 12 of IEC 61032 also applied to parts liable to be touched accidentally in normal use by a fork or similar pointed object: no contact with live parts (IEC 60335-2-6:2002)		P
8.1.3	For appliances other than class II, use of test probe 41 of IEC 61032: no contact with live parts of visible glowing heating elements		N/A
	Test probe 41: no contact with live parts of visible glowing heating elements situated at the top of the oven or grilling compartment. (IEC 60335-2-6:2002)		N/A
8.1.4	Accessible part not considered live if:		–
	- safety extra-low a.c. voltage: peak value not exceeding 42.4 V		N/A
	- 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 μF		N/A
	- for peak values over 450 V up to and including 15 kV, discharge not exceeding 45 μC		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		P
	- fixed appliances		P
	- 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	Glass-ceramic surface.	P
	Only possible to touch parts separated from live parts by double or reinforced insulation		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
10	POWER INPUT AND CURRENT		–
10.1	Power input at normal operating temperature, rated voltage and normal operation not deviating from rated power input by more than shown in table 1	(see appended table)	P
	Induction hob elements and induction wok elements: power input measured separately, tolerances for motor-appliances apply. (IEC 60335-2-6:2002)		P
	Socket-outlet are not loaded during the test (IEC 60335-2-6:2002)		N/A
10.2	Current at normal operating temperature, rated voltage and normal operation not deviating from rated current by more than shown in table 2	(see appended table)	N/A
	Induction hob elements and induction wok elements: current measured separately, tolerances for motor-appliances apply. (IEC 60335-2-6:2002)		N/A
	Socket-outlet are not loaded during the test (IEC 60335-2-6:2002)		N/A
11	HEATING		–
11.1	No excessive temperatures in normal use		P
	For cooking ranges and ovens, compliance is also checked by the test of 11.101 (IEC 60335-2-6:2002)		N/A
11.2	Placing and mounting of appliance as described		P
	- built-in (IEC 60335-2-6:2002)		P
	- against a wall (IEC 60335-2-6:2002)		N/A
	- on the floor (IEC 60335-2-6:2002)		N/A
	- fixed to the wall (IEC 60335-2-6:2002)		N/A
	- with or without the lid covering the hob surface (IEC 60335-2-6:2002)		N/A
	- temperature sensing probes: any position likely to occur during normal use. (IEC 60335-2-6:2002)		N/A
	- pyrolytic self-cleaning ovens: temperature sensing probe in position unless other instructions (IEC 60335-2-6:2002)		N/A
	Detachable parts that are intended to be used to reduce the temperature of controls panels are removed(IEC 60335-2-6:2002)		N/A
11.3	Temperature rises, other than of windings, determined by thermocouples		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
	Temperature rises of windings determined by resistance method, unless		P
	the windings makes it difficult to make the necessary connections		P
11.4	Heating appliances operated under normal operation at 1.15 times rated power input :		N/A
	Induction hob elements and induction wok elements supplied separately and operated as for motor operated appliances (IEC 60335-2-6:2002)	1,06 x 240 V = 254,4 V	P
	Cooking ranges operated under normal operation at 1.15 times rated power input: (IEC 60335-2-6:2002)		N/A
11.5	Motor-operated appliances operated under normal operation at most unfavourable voltage between 0.94 and 1.06 times rated voltage ..... :		N/A
11.6	Combined appliances operated under normal operation at most unfavourable voltage between 0.94 and 1.06 times rated voltage ..... :		N/A
11.7	Appliance operated for the duration specified in 11.7.101 to 11.7.106 (IEC 60335-2-6:2002)		–
11.7.101	Induction hob elements and induction wok elements, other hob elements:	30 minutes	P
11.7.102	Ovens:		N/A
	Steam ovens operated in each mode of operation		N/A
	Lamps in ovens are not manually switched on		N/A
11.7.103	Grills		N/A
11.7.104	Griddles		N/A
11.7.105	Warming drawers and similar compartments:		N/A
11.7.106	Cooking ranges :		N/A
11.7.107	Appliance incorporates a socket–outlet with a appropriate plug complying with IEC60083		N/A
11.8	Temperature rises not exceeding values in table 3	(see appended tables)	P
	Temperatures rises of the floor and floor of the test corner, wooden cabinets and rectangular box not exceeding specified values (IEC 60335-2-6:2002)	70 K limit	P
	Sealing compound does not flow out		P
	Protective devices do not operate, except		P
	components in protective electronic circuits tested for the number of cycles specified in 24.1.4		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
11.101	Cooking ranges and ovens placed as described (IEC 60335-2-6:2002)		N/A
	Appliance operated under normal operation at rated voltage:		N/A
	The appliance operated in specified conditions		N/A
	The appliance operated 60 min or		N/A
	until steady conditions are established		N/A
	Temperature rise of surfaces not exceed the values specified in Table 102 (IEC 60335-2-6:2002)	(see appended tables)	N/A
13	LEAKAGE CURRENT AND ELECTRIC STRENGTH AT OPERATING TEMPERATURE		–
13.1	Leakage current not excessive and electric strength adequate		P
	Heating appliances operated at 1.15 times rated power input.....:		N/A
	Motor-operated appliances and combined appliances supplied at 1.06 times rated voltage.....:	1,06 x 240 V = 254,4 V	P
	Protective impedance and radio interference filters disconnected before carrying out the tests		N/A
	If a grill is incorporated in the oven, either the oven or the grill is operated, whichever is more unfavourable. (IEC 60335-2-6:2002)		N/A
	For hobs, the tests are carried out with a vessel filled as specified in 3.1.9.101 placed on each cooking zone (IEC 60335-2-6:2002)		P
	Induction hob elements and induction wok elements are tested as specified for motor-operated appliances (IEC 60335-2-6:2002)		P
13.2	Leakage current measured by means of the circuit described in figure 4 of IEC 60990		P
	Leakage current measurements	(see appended table)	P
13.3	The appliance is disconnected from the supply		P
	Electric strength tests according to table 4	(see appended table)	P
	No breakdown during the tests		P
14	TRANSIENT OVERVOLTAGES		–

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Clause	Requirement + Test	Result - Remark	Verdict
	Appliances withstand the transient overvoltages to which they may be subjected		N/A
	Clearances having a value less than specified in table 16 subjected to an impulse voltage test, the test voltage specified in table 6	(see appended table)	N/A
	No flashover during the test, unless of functional insulation		N/A
	In case of flashover of functional insulation, the appliance complies with clause 19 with the clearance short circuited		N/A
15	MOISTURE RESISTANCE		–
15.1	Enclosure provides the degree of moisture protection according to classification of the appliance	IPX0	N/A
	Compliance checked as specified in 15.1.1, taking into account 15.1.2, followed by the electric strength test of 16.3		N/A
	No trace of water on insulation which can result in a reduction of clearances and creepage distances below values specified in clause 29		N/A
15.1.1	Appliances, other than IPX0, subjected to tests as specified in IEC 60529 ..... :	IPX0	N/A
	Water valves in external hoses for connection of an appliance to the water mains tested as specified for IPX7 appliances		N/A
15.1.2	Hand-held appliance turned continuously through the most unfavourable positions during the test		N/A
	Built-in appliances installed according to the instructions		N/A
	Appliances placed or used on the floor or table placed on a horizontal unperforated support		N/A
	Appliances normally fixed to a wall and appliances with pins for insertion into socket-outlets are mounted on a wooden board		N/A
	For IPX3 appliances, the base of wall mounted appliances is placed at the same level as the pivot axis of the oscillating tube		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	For IPX4 appliances, the horizontal centre line of the appliance is aligned with the pivot axis of the oscillating tube		N/A
	However, for appliances normally used on the floor or table, the movement is limited to two times 90° for a period of 5 min, the support being placed at the level of the pivot axis of the oscillating tube		N/A
	Appliances normally fixed to a ceiling are mounted underneath a horizontal unperforated support, the pivot axis of the oscillating tube located at the level of the underside of the support		N/A
	For IPX4 appliances, the movement of the tube is limited to two times 90° from the vertical for a period of 5 min		N/A
	Wall-mounted appliances, take into account the distance to the floor stated in the instructions		N/A
	Appliances with type X attachment fitted with a flexible cord as described		N/A
	Detachable parts tested as specified		N/A
15.2	Spillage of liquid does not affect the electrical insulation		P
	Appliances incorporating an appliance inlet tested with or without an connector, whichever is most unfavourable		N/A
	Detachable parts removed		N/A
	Overfilling test with additional amount of water, over a period of 1 min, quantity (l) :		–
	Cooking ranges and hobs subjected to the overfilling test into the vessel with additional saline solution, over a period of 15 s (l): (IEC 60335-2-6:2002)	0,5 l	P
	For hob elements incorporating a switch or a thermal control: overfilling test with saline solution(l): (IEC 60335-2-6:2002):	0,02 l	P
	If controls are mounted below the hob surface: overfilling test with saline solution, over a period of 15 s (l): (IEC 60335-2-6:2002)		N/A
	If controls are mounted in the hob surface: overfilling test with saline solution, over them (l): (IEC 60335-2-6:2002)	0,5 l	P
	For hob having ventilating openings in the hob surface: overfilling test with saline solution (l): (IEC 60335-2-6:2002)		N

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Clause	Requirement + Test	Result - Remark	Verdict
	For ovens and grills: overfilling test with saline solution (l): (IEC 60335-2-6:2002)		N/A
	For appliances having a drip tray or similar receptacle: overfilling test with saline solution (l): (IEC 60335-2-6:2002)		N/A
	For hobs having a lid: overfilling test with saline solution (l): (IEC 60335-2-6:2002)		N/A
	Test repeated: overfilling test with saline solution , over a period of 15 s (l): (IEC 60335-2-6:2002)		N/A
	Steam generators intended to be connected to the water mains supplied at rated water pressure (IEC 60335-2-6:2002)		N/A
	Water allowed to flow for 1 min after the first evidence of overflow, unless (IEC 60335-2-6:2002)		N/A
	the inflow stops automatically (IEC 60335-2-6:2002)		N/A
	The appliance withstands the electric strength test of 16.3		P
	No trace of water on insulation that can result in a reduction of clearances and creepage distances below values specified in clause 29		P
15.3	Appliances proof against humid conditions		P
	Humidity test for 48 h in a humidity cabinet		P
	The appliance withstands the tests of clause 16		P
15.101	Temperature-sensing probes shall be constructed so that their insulation is not affected by water (IEC 60335-2-6:2002)		N/A
	After the test, the probe withstand the leakage current test of 16.2 (IEC 60335-2-6:2002)		N/A
16	LEAKAGE CURRENT AND ELECTRIC STRENGTH		–
16.1	Leakage current not excessive and electric strength adequate		P
	Protective impedance disconnected from live parts before carrying out the tests		N/A
	Induction hob elements and induction wok elements: tested as motor-operated appliances (60335-2-6)		P

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Clause	Requirement + Test	Result - Remark	Verdict
16.2	Single-phase appliances: test voltage 1.06 times rated voltage ..... :	1,06 x 240 V = 254,4 V	P
	Three-phase appliances: test voltage 1.06 times rated voltage divided by √3 ..... :		N/A
	Leakage current measurements	(see appended table)	P
16.3	Electric strength tests according to table 7	(see appended table)	P
	No breakdown during the tests		P
17	OVERLOAD PROTECTION OF TRANSFORMERS AND ASSOCIATED CIRCUITS		–
	No excessive temperatures in transformer or associated circuits in event of short-circuits likely to occur in normal use	(see appended table)	N/A
	Appliance supplied with 1.06 or 0.94 times rated voltage and the most unfavourable short-circuit or overload likely to occur in normal use applied..... :		N/A
	Temperature rise of insulation of the conductors of safety extra-low voltage circuits not exceeding the relevant value specified in table 3 by more than 15 K		N/A
	Temperature of the winding not exceeding the value specified in table 8,		N/A
	however limits do not apply to fail-safe transformers complying with sub-clause 15.5 of IEC 61558-1		N/A
19	ABNORMAL OPERATION		–
19.1	The risk of fire or mechanical damage under abnormal or careless operation obviated		P
	Electronic circuits so designed and applied that a fault will not render the appliance unsafe		P
	For induction hobs compliance is also checked by the test 19.101and 19.102 (19.4 not applicable) (IEC 60335-2-6:2002)		P
	19.101 is not applicable to induction wok elements (IEC 60335-2-6:2002)		N/A
	Temperature-sensing probes placed in the oven in any position likely to occur during normal use that they are connected to control the oven temperature (IEC 60335-2-6:2002)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
19.2	Test of appliance with heating elements with restricted heat dissipation; test voltage (V): power input of 0.85 times rated power input	Induction hobs, as cl. 11, empty vessels	P
	Hob elements are operated without a vessel, pan detectors being rendered inoperative. Oven doors are open or closed, whichever is more unfavourable. Hob lids are closed unless the hob elements are interlocked with the lid or an indicator lamp shows that a hob element is switched on. (IEC 60335-2-6:2002)		N/A
	For appliances incorporating more than one heating unit, the test is only carried with the heating unit resulting in the most unfavourable conditions, its control adjusted to the highest setting. For appliance incorporate an oven without an indicator lamp to show that the oven is switched on, the oven is operated, its control adjusted to the highest setting. (IEC 60335-2-6:2002)		P
	For induction hob element or induction wok element with a metallic lid: a force of 30N is applied to the closed lid in the most unfavourable place by means of test probe B of IEC 61032. (IEC 60335-2-6:2002)		N/A
	Pyrolytic self-cleaning ovens are also operated under cleaning conditions, motors which operate during cleaning being switched off or disconnect in turn. (IEC 60335-2-6:2002)		N/A
	Induction hob elements and induction wok elements are operated under the conditions of clause 11 but with empty vessels, the controls being adjusted to the highest setting. (IEC 60335-2-6:2002)	Ut = √0,85 x 220 V = 202,8 V (In accordance with IEC 60335-1 Ed. 5.0.)	P
	Steam ovens are operated without water (IEC 60335-2-6:2002)		N/A
	Doors of separate grill compartments incorporate a cooking range are open or closed, which is the most unfavourable. (IEC 60335-2-6:2002)		N/A
19.3	Test of 19.2 repeated; test voltage (V): power input of 1.24 times rated power input	Ut = √1,24 x 240 V = 267,3 V (In accordance with IEC 60335-1 Ed. 5.0.)	P
19.4	Test conditions as in cl. 11, any control limiting the temperature during tests of cl. 11 short-circuited		N/A
19.5	Test of 19.4 repeated on Class 0I and I appliances with tubular sheathed or embedded heating elements. No short-circuiting, but one end of the element connected to the elements sheath		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	The test repeated with reversed polarity and the other end of the heating element connected to the sheath		N/A
	The test is not carried out on appliances intended to be permanently connected to fixed wiring and on appliances where an all-pole disconnection occurs during the test of 19.4		N/A
19.6	Appliances with PTC heating elements tested at rated voltage, establishing steady conditions		N/A
	The working voltage of the PTC heating element is increased by 5% and the appliance is operated until steady conditions are re-established. The voltage is then increased in similar steps until 1.5 times working voltage or until the PTC heating element ruptures		N/A
19.7	Stalling test by locking the rotor if the locked rotor torque is smaller than the full load torque or locking moving parts of other appliances	DC fan motor for hobs. Thermocouples used.	P
	Locked rotor, motor capacitors open-circuited or short-circuited, if required		N/A
	Locked rotor, capacitors open-circuited one at a time		N/A
	Test repeated with capacitors short-circuited one at a time, if required		N/A
	Appliances with timer or programmer supplied with rated voltage for each of the tests, for a period equal to the maximum period allowed		N/A
	Other appliances supplied with rated voltage for a period as specified		P
	Winding temperatures not exceeding values specified in table 8	(see appended table)	P
19.8	Three-phase motors operated at rated voltage with one phase disconnected		N/A
19.10	Series motor operated at 1.3 times rated voltage for 1 min.....:		N/A
	During the test, parts not being ejected from the appliance		N/A
19.11	Electronic circuits, compliance checked by evaluation of the fault conditions specified in 19.11.2 for all circuits or parts of circuits, unless they comply with the conditions specified in 19.11.1		P
	Appliances incorporating a protective electronic circuit subjected to the tests of 19.11.3 and 19.11.4		P

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Clause	Requirement + Test	Result - Remark	Verdict
	Appliances having a switch with an off position obtained by electronic disconnection, or a switch placing the appliance in a stand-by mode, subjected to the tests of 19.11.4		P
	Appliances incorporating an electronic circuit that relies upon a programmable component to function correctly, subjected to the test of 19.11.4.8		N/A
	During and after each test the following is checked:		–
	- the temperature rise of the windings do not exceed the values specified in table 8		P
	- the appliance complies with the conditions specified in 19.13		P
	- any current flowing through protective impedance not exceeding the limits specified in 8.1.4		N/A
	If a conductor of a printed board becomes open-circuited, the appliance is considered to have withstood the particular test, provided all three of the following conditions are met:		–
	- the material of the printed circuit board withstands the burning test of annex E		N/A
	- any loosened conductor does not reduce the clearances or creepage distances between live parts and accessible metal parts below the values specified in cl. 29		N/A
	- the appliance withstands the tests of 19.11.2 with open-circuited conductor bridged		N/A
19.11.1	Before applying the fault conditions a) to g) in 19.11.2, it is checked if circuits or parts of circuit meet both of the following conditions:		–
	- the electronic circuit is a low-power circuit, that is, the maximum power at low-power points does not exceed 15 W according to the tests specified		N/A
	- the protection against electric shock, fire hazard, mechanical hazard or dangerous malfunction in other parts of the appliance does not rely on the correct functioning of the electronic circuit		N/A
19.11.2	Fault conditions applied one at a time, the appliance operated under conditions specified in cl. 11, but supplied at rated voltage, the duration of the tests as specified:		–
	a) short circuit of functional insulation if clearances or creepage distances are less than the values specified in 29		N/A
	b) open circuit at the terminals of any component		P

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Clause	Requirement + Test	Result - Remark	Verdict
	c) short circuit of capacitors, unless they comply with IEC 60384-14		P
	d) short circuit of any two terminals of an electronic component, other than integrated circuits. This fault condition is not applied between the two circuits of an optocoupler		P
	e) failure of triacs in the diode mode		N/A
	f) failure of an integrated circuit		P
	g) failure of an electronic power switching device		N/A
	During simulation it shall not possible to switch of any energized hob element (IEC 60335-2-6:2002)		P
	The hob elements shall not become energized (IEC 60335-2-6:2002)		P
19.11.3	If the appliance incorporates a protective electronic circuit which operates to ensure compliance with clause 19, the relevant test is repeated with a single fault simulated, as indicated in a) to g) of 19.11.2		P
19.11.4	Appliances having a device with an off position obtained by electronic disconnection, or		P
	a device that can be placed in the stand-by mode,		P
	subjected to the tests of 19.11.4.1 to 19.11.4.7		P
	Appliances incorporating a protective electronic circuit subjected to the tests of 19.11.4.1 to 19.11.4.7, except that		N/A
	appliances operated for 30 s or 5 min during the test of 19.7 are not subjected to the tests for electromagnetic phenomena.		N/A
	During the test of the stand-by-mode, a suitable vessel is placed o, the cooking zone if a pan detector is incorporate. (IEC 60335-2-6:2002)		P
19.11.4.1	The appliance is subjected to electrostatic discharges in accordance with IEC 61000-4-2, test level 4	2, 4, 6, 8 kV con 2, 4, 8, 15 kV air	P
19.11.4.2	The appliance is subjected to radiated fields in accordance with IEC 61000-4-3, test level 3	Frequency range: 80-1000MHz Step size: 1% Step time: 3 seconds	P
19.11.4.3	The appliance is subjected to fast transient bursts in accordance with IEC 61000-4-4, test level 3 or 4 as specified	4kV, 2 minutes	P

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Clause	Requirement + Test	Result - Remark	Verdict
19.11.4.4	The power supply terminals of the appliance subjected to voltage surges in accordance with IEC 61000-4-5, test level 3 or 4 as specified	0,5, 1, 2 kV line-line 0,5, 1, 2, 4 kV line-earth 60 seconds	P
	Earthed heating elements in class I appliances disconnected		P
19.11.4.5	The appliance is subjected to injected currents in accordance with IEC 61000-4-6, test level 3		P
19.11.4.6	The appliance is subjected to the Class 3 voltage dips and interruptions in accordance with IEC 61000-4-11		P
19.11.4.7	The appliance is subjected to mains signals in accordance with IEC 61000-4-13, test level class 2		P
19.11.4.8	The appliance is supplied at rated voltage and operated under normal operation. After 60s the power supply is reduces to a level such that the appliance ceases to respond or a programmable component cease to operate.		N/A
	The appliance continues to operate normally or requires a manual operation to restart		N/A
19.12	If the safety of the appliance for any of the fault conditions specified in 19.11.2 depends on the operation of a miniature fuse-link complying with IEC 60127, the test is repeated, measuring the current flowing through the fuse-link; measured current (A); rated current of the fuse-link (A) ..... :		N/A
19.13	During the tests the appliance does not emit flames, molten metal, poisonous or ignitable gas in hazardous amounts		P
	Temperature rises not exceeding the values shown in table 9	(see appended table)	P
	Enclosures not deformed to such an extent that compliance with cl. 8 is impaired		P
	If the appliance can still be operated it complies with 20.2		P
	Insulation, other than of class III appliance, withstand the electric strength test of 16.3, the test voltage specified in table 4:		–
	- basic insulation ..... :	1000 V	P
	- supplementary insulation..... :		N/A
	- reinforced insulation..... :	3000 V	P

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Clause	Requirement + Test	Result - Remark	Verdict
	After operation or interruption of a control, clearances and creepage distances across the functional insulation withstanding the electric strength test of 16.3. the test voltage being twice the working voltage		P
	The appliance does not undergo a dangerous malfunction, and		P
	no failure of protective electronic circuits, if the appliance is still operable		P
	Appliances tested with an electronic switch in the off position, or in the stand-by mode:		–
	- do not become operational, or		P
	- if they become operational, do not result in a dangerous malfunction during or after the tests of 19.11.4		N/A
	Ovens: temperature in the center of the oven not exceed 425°C before opening (IEC 60335-2-6:2002)		N/A
	Temperature rise of the windings of induction hob elements and induction wok elements not exceed the values specified in 19.7 (IEC 60335-2-6:2002)		P
	Electric strength test of induction hob elements and induction wok elements is carried out immediately after switching of the appliance (IEC 60335-2-6:2002)		P
	Glass in oven doors shall not be damaged (60335-2-6)		N/A
19.14	Appliances operated under the conditions of Clause 11. Contactors or relays contacts operating under the conditions of clause 11 short-circuited		P
19.101	Induction hob elements: test conditions according to the standard; diameter of the disc (cm) (IEC 60335-2-6)	16 cm hob: 9 cm disc 20 cm hob: 9 cm or 10 cm disc	P
19.102	Induction hob element and induction wok elements operated under normal operation at rated voltage but with thermal controls short-circuited. (IEC 60335-2-6:2002)		P
	Temperature rise of the oil not exceed 270 K: (IEC 60335-2-6:2002)	239 K	P
20	STABILITY AND MECHANICAL HAZARDS		–
20.1	Adequate stability	Built-in, fixed appliance	N/A
	Tilting test through an angle of 10° (appliance placed on an inclined plane/horizontal plane); appliance does not overturn		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Tilting test repeated on appliances with heating elements, angle of inclination increased to 15°		N/A
	Possible heating test in overturned position; temperature rise does not exceed values shown in table 9		N/A
20.2	Moving parts adequately arranged or enclosed as to provide protection against personal injury	Fan	P
	Protective enclosures, guards and similar parts are non-detachable		P
	Adequate mechanical strength and fixing of protective enclosures		P
	Self-resetting thermal cut-outs and overcurrent protective devices not causing a hazard, by unexpected reclosure		N/A
	Not possible to touch dangerous moving parts with test probe		P
20.101	Cooking range and ovens shall have adequate stability when the open the door is subjected to a load (IEC 60335-2-6:2002)		–
	Appliance subjected to a load test and by the test of 20.102 if relevant : mass (kg) :		N/A
	Cooking ranges are tested without fitting any stabilizing means that are specified in the instructions of installation.		N/A
	Cooking range incorporating a storage compartment adjacent to the oven and which the shelves are pulled out simultaneously: Shelve subjected to a load test : mass (g)		N/A
	The appliance shall not tilt Damage and deformation of doors are ignored		N/A
20.102	For cooking ranges normally placed on the floor and with horizontally hinged oven doors with a hinge height of less than 430mm from the floor, the test of 20.101 is repeated except that: (IEC 60335-2-6:2002)		–
	-The cooking range is fitted with the stabilizing means, if any, specified in the instructions for installation		N/A
	-The mass of the load on the oven doors is increased to 50kg, or the mass of 22,5kg is placed at the center of the outer edge of the oven door, whichever gives the most unfavourable results		N/A
	The appliance shall not tilt Damage and deformation of doors are ignored		N/A

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Clause	Requirement + Test	Result - Remark	Verdict

21	MECHANICAL STRENGTH		–
21.1	Appliance has adequate mechanical strength and is constructed as to withstand rough handling		P
	Checked by applying blows to the appliance in accordance with test Ehb of IEC 60068-2-75, spring hammer test, impact energy 0,5 J		P
	If necessary, 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
	Additional blows applied to the centre of glass doors (IEC 60335-2-6:2002)		N/A
	The glass shall not fracture (IEC 60335-2-6:2002)		N/A
	Appliance incorporating visibly glowing heating elements enclosed in glass tubes, the blows are applied to the tubes as mounted in the appliance if they are : (IEC 60335-2-6:2002)		–
	-located at the top of the oven and accessible to test probe 41 of IEC 61032		N/A
	-located elsewhere in the oven and accessible to test probe B of IEC 61032		N/A
	Hob surfaces of glass-ceramic or similar material: three blows applied on surfaces not exposed during test of 21.102; impact energy 0,7 ± 0,05 J (IEC 60335-2-6:2002)		P
	Temperature-sensing probe subjected to one cycle of test according to 15.101 and 16.2 (IEC 60335-2-6:2002)		N/A
21.2	Accessible parts of solid insulation having strength to prevent penetration by sharp implements		P
	The insulation is tested as specified, unless		N/A
	the thickness of supplementary insulation is at least 1 mm and reinforced insulation is at least 2 mm	Glass-ceramic surface: 4 mm Plastic box: 1,8 mm	P
21.101	Oven shelves and their supports shall have adequate mechanical strength (IEC 60335-2-6:2002)		N/A
	Total mass (kg) of the vessel, 220 times the volume of the useful oven space in m^3, or 24kg, whichever is less:		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	After the test the shelf and supports shall show no distortion impairing their further and		N/A
	the shelf shall not fall from the supports		N/A
	Ovens with shelves that can be withdrawn and with stops: force of 80N, vessel with side dimensions 200mm		N/A
	The shelf shall not tilt downwards by more than 6°		N/A
21.102	Hob surfaces of glass-ceramic and similar materials shall withstand the stresses liable to occur in normal use (IEC 60335-2-6:2002)		P
	After the test, the hob surface not crack and the appliance withstand the electric strength test of 16.3		P
21.103	Temperature-sensing probes shall be constructed so that they are not damaged when trapped in the oven door (IEC 60335-2-6:2002)		N/A
	After the test, the probe then complies with 8.1, 15.101 and Cl. 29		N/A
21.104	Glass panels of horizontally hinged oven doors shall withstand the thermal shock liable to occur in normal use (IEC 60335-2-6:2002)		N/A
	After the test, the glass shall not fracture		N/A
22	CONSTRUCTION		–
22.1	Appliance marked with the first numeral of the IP system, relevant requirements of IEC 60529 are fulfilled	IPX0	N/A
22.2	Stationary appliance: means to provide all-pole disconnection from the supply provided, the following means being available:		–
	- a supply cord fitted with a plug		N/A
	- a switch complying with 24.3		N/A
	- a statement in the instruction sheet that a disconnection incorporated in the fixed wiring is to be provided		P
	- an appliance inlet		N/A
	Singe-pole switches and single-pole protective devices for the disconnection of heating elements in single-phase, permanently connected class 01 and class I appliances, connected to the phase conductor		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.3	Appliance provided with pins: no undue strain on socket-outlets		N/A
	Applied torque not exceeding 0.25 Nm		N/A
	Pull force of 50N to each pin after the appliance has being placed in the heating cabinet; when cooled to room temperature the pins are not displaced by more than 1mm		N/A
	Each pin subjected to a torque of 0.4Nm; the pins are not rotating unless rotating does not impair compliance with the standard		N/A
22.4	Appliance for heating liquids and appliance causing undue vibration not provided with pins for insertion into socket-outlets		P
22.5	No risk of electric shock when touching the pins of the plug, for appliances having a capacitor with rated capacitance exceeding 0,1μF, the appliance being disconnected from the supply at the instant of voltage peak		N/A
22.6	Electrical insulation not affected by condensing water or leaking liquid		P
	Electrical insulation of Class II appliances not affected in case of a hose rupture or seal leak		N/A
22.7	Adequate safeguards against the risk of excessive pressure in appliances provided with steam-producing devices		N/A
22.8	Electrical connections not subject to pulling during cleaning of compartments to which access can be gained without the aid of a tool, and that are likely to be cleaned in normal use		N/A
22.9	Insulation, internal wiring, windings, commutators and slip rings not exposed to oil, grease or similar substances		P
	Adequate insulating properties of oil or grease to which insulation is exposed		N/A
22.10	Not possible to reset voltage-maintained non-self-resetting thermal cut-outs by the operation of an automatic switching device incorporated within the appliance		N/A
	Non-self resetting thermal motor protectors have a trip-free action, unless		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	they are voltage maintained		N/A
	Location or protection of reset buttons of non-self-resetting controls is so that accidental resetting is unlikely		N/A
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		N/A
22.12	Handles, knobs etc. fixed in a reliable manner		N/A
	Fixing in wrong position of handles, knobs etc. indicating position of switches or similar components not possible		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		N/A
22.13	Unlikely that handles, when gripped as in normal use, make the operators hand touch parts having a temperature rise exceeding the value specified for handles which are held for short periods only		N/A
22.14	No ragged or sharp edges creating a hazard for the user in normal use, or during user maintenance		P
	No exposed pointed ends of self tapping screws etc., liable to be touched by the user in normal use or during user maintenance		P
22.15	Storage hooks and the like for flexible cords smooth and well rounded		N/A
22.16	Automatic cord reels cause no undue abrasion or damage to the sheath of the flexible cord, no breakage of conductors strands, no undue wear of contacts		N/A
	Cord reel tested with 6000 operations, as specified		N/A
	Electric strength test of 16.3, voltage of 1000 V applied		N/A
22.17	Spacers not removable from the outside by hand or by means of a screwdriver or a spanner		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.18	Current-carrying parts and other metal parts resistant to corrosion under normal conditions of use		P
22.19	Driving belts not used as electrical insulation		N/A
22.20	Direct contact between live parts and thermal insulation effectively prevented, unless material used is non-corrosive, non-hygroscopic and non-combustible		N/A
	Compliance is checked by inspection and, if necessary, by appropriate test		N/A
22.21	Wood, cotton, silk, ordinary paper and fibrous or hygroscopic material not used as insulation, unless impregnated	Not used.	N/A
	Magnesium oxide and mineral ceramic fibres are not considered as hygroscopic materials (60335-2-6)		N/A
22.22	Appliances not containing asbestos		P
22.23	Oils containing polychlorinated biphenyl (PCB) not used		N/A
22.24	Bare heating elements adequately supported		N/A
	In case of rupture, the heating conductor is unlikely to come in contact with accessible metal parts		N/A
22.25	Sagging heating conductors cannot come into contact with accessible metal parts		N/A
22.26	The insulation between parts operating at safety extra-low voltage and other live parts complies with the requirements for double or reinforced insulation		N/A
22.27	Parts connected by protective impedance separated by double or reinforced insulation		N/A
22.28	Metal parts of Class II appliances conductively connected to gas pipes or in contact with water: separated from live parts by double or reinforced insulation		N/A
22.29	Class II appliances permanently connected to fixed wiring so constructed that the required degree of access to live parts is maintained after installation		N/A
22.30	Parts serving as supplementary or reinforced insulation fixed so that they cannot be removed without being seriously damaged, or		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	so constructed that they cannot be replaced in an incorrect position, and so that if they are omitted, the appliance is rendered inoperable or manifestly incomplete		P
22.31	Clearances and creepage distances over supplementary and reinforced insulation not reduced below values specified in clause 29 as a result of wear		P
	Clearances and creepage distances between live parts and accessible parts not reduced below values for supplementary insulation, if wires, screws etc. become loose		P
22.32	Supplementary and reinforced insulation designed or protected against deposition of dirt or dust		N/A
	Supplementary insulation of natural or synthetic rubber resistant to ageing, or arranged and dimensioned so that creepage distances are not reduced below values specified in 29.2		N/A
	Ceramic material not tightly sintered, similar material or beads alone not used as supplementary or reinforced insulation		N/A
	Oxygen bomb test at 70 °C for 96 h and 16 h at room temperature		N/A
	Insulating material in which heating conductors are embedded is considered to be basic insulation and not reinforced insulation		N/A
22.33	Conductive liquids that are or may become accessible in normal use are not in direct contact with live parts		N/A
	Electrodes not used for heating liquids		N/A
	For class II constructions, conductive liquids that are or may become accessible in normal use, not in direct contact with basic or reinforced insulation		N/A
	For class II constructions, conductive liquids which are in contact with live parts, not in direct contact with reinforced insulation		N/A
22.34	Shafts of operating knobs, handles, levers etc. not live, unless the shaft is not accessible when the part is removed		N/A
22.35	Handles, levers and knobs, held or actuated in normal use, not becoming live in the event of a failure of basic insulation		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Such parts being of metal, and their shafts or fixings are likely to become live in the event of a failure of basic insulation, are either adequately covered by insulation material or their accessible parts are separated from their shafts or fixings by supplementary insulation		N/A
	This requirement does not apply to handles, levers and knobs on stationary appliances other than those of electrical components, provided they are either reliably connected to an earthing terminal or earthing contact, or separated from live parts by earthed metal		N/A
22.36	Handles continuously held in the hand in normal use are so constructed that when gripped as in normal use, the operators hand is not likely to touch metal parts, unless they are separated from live parts by double or reinforced insulation		N/A
22.37	Capacitors in Class II appliances not connected to accessible metal parts, unless complying with 22.42		N/A
	Metal casings of capacitors in Class II appliances separated from accessible metal parts by supplementary insulation, unless complying with 22.42		N/A
22.38	Capacitors not connected between the contacts of a thermal cut-out		N/A
22.39	Lamp holders used only for the connection of lamps		N/A
22.40	Motor-operated appliances and combined appliances intended to be moved while in operation, or having accessible moving parts, fitted with a switch to control the motor. The actuating member of the switch being easily visible and accessible		N/A
	Unless the appliance can operate continuously, automatically or remotely without giving rise to a hazard, appliances for remote operation being fitted with a switch. The actuating member of the switch being easily visible and accessible.		N/A
22.41	No components, other than lamps, containing mercury		P
22.42	Protective impedance consisting of at least two separate components		N/A
	Values specified in 8.1.4 not exceeded if any one of the components are short-circuited or open-circuited		N/A
22.43	Appliances adjustable for different voltages, accidental changing of the setting of the voltage unlikely to occur		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.44	Appliances shall not have an enclosure that is shaped or decorated like a toy		P
22.45	When air is used as reinforced insulation, clearances not reduced below the values specified in 29.1.4 due to deformation as a result of an external force applied to the enclosure		N/A
22.46	Software used in protective electronic circuits is software class B or C .....:	SW Cl. B	P
22.47	Appliances connected to the water mains withstand the water pressure expected in normal use		N/A
	No leakage from any part, including any inlet water hose		N/A
22.48	Appliances connected to the water mains constructed to prevent backsiphonage of non-potable water		N/A
22.49	For remote operation, the duration of operation shall be set before the appliance can be started, unless		N/A
	the appliance switches off automatically or can operate continuously without hazard		N/A
22.50	Controls incorporated in the appliance take priority over controls actuated by remote operation		N/A
22.51	A control on the appliance being manually adjusted to the setting for remote operation before the appliance can be operated in this mode		N/A
	There is a visual indication showing that the appliance is adjusted for remote operation		N/A
	Manual setting and visual indication not necessary on appliances that can operate as follows, without giving rise to a hazard:		–
	- operate continuously,		N/A
	- operate automatically, or		N/A
	- be operated remotely		N/A
	It is not necessary to manually adjust to the setting for remote operation in order to switch the appliance off. (IEC 60335-2-6)		N/A
22.52	Socket-outlets on appliances accessible to the user in accordance with the socket-outlet system used in the country in which the appliance is sold		N/A
22.101	Hob element prevented from rotating about vertical axis and (IEC 60335-2-6:2002)		P

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Clause	Requirement + Test	Result - Remark	Verdict
	adequately supported in all positions of adjustment of their supports (IEC 60335-2-6:2002)		P
	Hobs constructed so that damage to is unlikely occur while the hob elements are being removed or replaced, for hobs with detachable hob elements (IEC 60335-2-6:2002)		N/A
22.102	Timers intended to delay the operation of a heating element shall not control a radiant grill, unless (IEC 60335-2-6:2002)		N/A
	the grill is thermally controlled and incorporated in a oven or other compartment (IEC 60335-2-6:2002)		N/A
22.103	Ovens vents shall be constructed so that any moisture or grease discharged through them cannot affect clearances and creepage distances between live parts and other parts of the appliance (IEC 60335-2-6:2002)		N/A
22.104	Steam ovens shall be constructed so that steam vents and ducts are unlikely to become blocked during normal use (IEC 60335-2-6:2002)		N/A
22.105	Built-in ovens shall only be vented through the front, unless (IEC 60335-2-6:2002)		N/A
	provision is made for venting through a duct (IEC 60335-2-6:2002)		N/A
22.106	Grills shall be constructed so that grill can be easily positioned without jamming (IEC 60335-2-6:2002)		N/A
	The grills pans shall not fall from the support when moved sideways (IEC 60335-2-6:2002)		N/A
22.107	Pyrolytic self-cleaning ovens shall switch off automatically at the end of the process and require a manual operation to start another cleaning cycle (IEC 60335-2-6:2002)		N/A
22.108	Pyrolytic self-cleaning ovens shall be constructed so that opening and closing of the door does not impair the interlock system or damage the door seal; test as specified (IEC 60335-2-6:2002)		N/A
	After the test, the interlock system shall be fit for further use and the door seal shall not be damage (IEC 60335-2-6:2002)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
22.109	Pyrolytic self-cleaning ovens shall incorporate an interlock so that access to the oven cannot be gained when the temperature in the centre of the oven exceeds 350 °C. even if the interlock is defective; test as specified (IEC 60335-2-6:2002)		N/A
22.110	Pyrolytic self-cleaning ovens shall be constructed so that ignitable gases cannot be discharged through vents during the cleaning process; test as specified (IEC 60335-2-6:2002)		N/A
22.111	Pyrolytic self-cleaning ovens: no risk of emission of flames; test as specified (60335-2-6)		N/A
22.112	Hobs shall be constructed so that hinged lids cannot close accidentally (IEC 60335-2-6:2002)		N/A
22.113	Hobs shall be constructed so that inadvertent operation of touch controls due to spillage of liquid or damp cloth is unlikely; test as specified (IEC 60335-2-6:2002)		P
22.114	Hobs having touch controls shall require at least two manual operations to switch on a hob element but only one to switch off (IEC 60335-2-6:2002)		P
	Additional hob elements may be switched on by single manual operation (IEC 60335-2-6:2002)		N/A
	Hobs having touch controls shall incorporate visual means to indicate when each hob is energized (IEC 60335-2-6:2002)		P
22.115	Induction hob elements and induction wok elements, and other hob elements incorporating a pan detector shall be constructed so that the hob element operated can only be operated when a vessel is placed on the cooking zone (IEC 60335-2-6:2002)		P
	Appliance operated at rated voltage: (IEC 60335-2-6:2002)		P
	Temperature rise not exceed 35 K, for induction hob elements and induction wok elements: (IEC 60335-2-6:2002)		P
	Other hobs elements shall not operate (IEC 60335-2-6:2002)		N/A
22.116	Hob elements incorporating a pan detector shall be constructed so that the hob element is not switched on by the vessel if is has been removed for more than 10 min (IEC 60335-2-6:2002)		P

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Clause	Requirement + Test	Result - Remark	Verdict
22.117	Appliances incorporating a pan detector a signal lamp shall indicate when the control for the hob elements is not switched to the off position (IEC 60335-2-6:2002)		P
22.118	If a plug of a supply cord is engaged in a socket-outlet located directly above the door, it shall not be possible to operate a grill (IEC 60335-2-6:2002)		N/A
22.119	Cooking ranges incorporating a retractable deflector to prevent excessive temperatures on control knobs shall be constructed so that the user is unlikely to touch hot surfaces of the deflector when operating the controls (IEC 60335-2-6:2002)		N/A
22.120	Outer glass panels of oven doors shall be made from glass that breaks into small pieces when it fractures (IEC 60335-2-6:2002)		N/A
22.121	Outer glass panels of oven doors that are intended to be removed by the user for cleaning shall be constructed so that they cannot be fixed in an incorrect orientation (IEC 60335-2-6:2002)		N/A
22.122	Ovens with shelves that can be withdrawn shall be fitted with rest positions (IEC 60335-2-6:2002)		N/A
	The shelves shall also be constructed to prevent cooking dishes, or the like, from sliding over the rear edge (IEC 60335-2-6:2002)		N/A
23	INTERNAL WIRING		–
23.1	Wireways smooth and free from sharp edges		P
	Wires protected against contact with burrs, cooling fins etc.		P
	Wire holes in metal well rounded or provided with bushings		P
	Wiring effectively prevented from coming into contact with moving parts		P
23.2	Beads etc. on live wires cannot change their position, and are not resting on sharp edges or corners		N/A
	Beads inside flexible metal conduits contained within an insulating sleeve		N/A
23.3	Electrical connections and internal conductors movable relatively to each other not exposed to undue stress		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Flexible metallic tubes not causing damage to insulation of conductors		N/A
	Open-coil springs not used		N/A
	Adequate insulating lining provided inside a coiled spring, the turns of which touch one another		N/A
	No damage after 10 000 flexings for conductors flexed during normal use or 100 flexings for conductors flexed during user maintenance		N/A
	Electric strength test, 1000 V between live parts and accessible metal parts		N/A
	The requirement also applies if parts of a cooking range are folded onto the hob surface or separated from their normal position, for transportation purposes (IEC 60335-2-6:2002)		N/A
23.4	Bare internal wiring sufficiently rigid and fixed		N/A
23.5	The insulation of internal wiring withstanding the electrical stress likely to occur in normal use		P
	No breakdown when a voltage of 2000 V is applied for 15 min between the conductor and metal foil wrapped around the insulation		P
23.6	Sleeving used as supplementary insulation on internal wiring retained in position by positive means		P
23.7	The colour combination green/yellow used only for earthing conductors		P
23.8	Aluminium wires not used for internal wiring		P
23.9	No lead-tin soldering of stranded conductors where they are subject to contact pressure, unless		P
	clamping means so constructed that there is no risk of bad contact due to cold flow of the solder		N/A
23.10	The insulation and sheath of internal wiring, incorporated in external hoses for the connection of an appliance to the water mains, at least equivalent to that of light polyvinyl chloride sheathed flexible cord (60227 IEC 52)		N/A
24	COMPONENTS		–
24.1	Components comply with safety requirements in relevant IEC standards		P

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Clause	Requirement + Test	Result - Remark	Verdict
	List of components	(see appended table)	P
	Components not tested and found to comply with relevant IEC standard for the number of cycles specified are tested in accordance with 24.1.1 to 24.1.9		P
	Components not tested and found to comply with relevant IEC standard, components not marked or not used in accordance with its marking, tested under the conditions occurring in the appliance		P
	Lampholders and starterholders 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
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, or		P
	tested according to annex F		N/A
24.1.2	Safety isolating transformers complying with IEC 61558-2-6, or		N/A
	tested according to annex G	Transformers in the induction generator modules.	P
24.1.3	Switches complying with IEC 61058-1, the number of cycles of operation being at least 10 000, or		N/A
	tested according to annex H		N/A
	If the switch operates a relay or contactor, the complete switching system is subjected to the test	Touch control panel operates relays.	P
	Switches controlling hob elements subjected to 30 000 cycles of operation (IEC 60335-2-6:2002)		P
24.1.4	Automatic controls complying with IEC 60730-1 with relevant part 2. The number of cycles of operation being:		–
	- thermostats: 10 000		N/A
	- temperature limiters: 1 000		N/A
	- self-resetting thermal cut-outs: 300		N/A
	- self-resetting thermal cut-outs for heating elements of glass-ceramic hobs (IEC 60335-2-6:2002) 100 000		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	- self-resetting thermal cut-outs for heating elements of other hobs (IEC 60335-2-6:2002) 10 000		N/A
	- voltage maintained non-self-resetting thermal cut-outs: 1000		N/A
	- other non-self-resetting thermal cut-outs: 30		N/A
	- timers: 3 000		N/A
	- energy regulators for automatic action (IEC 60335-2-6:2002) 100 000		N/A
	- energy regulators for manual action (IEC 60335-2-6:2002) 10 000		N/A
	thermostats controlling the cleaning process in pyrolytic self-cleanings ovens (IEC 60335-2-6:2002) 3 000		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
24.1.5	Appliance couplers complying with IEC 60320-1		N/A
	However, 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
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	If the remote operation of the appliance is 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. 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	Relays, other than motor starting relays, tested as part of the appliance		P

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Clause	Requirement + Test	Result - Remark	Verdict
	They are also tested in accordance with Clause 17 of IEC 60730-1, the number of operations in 24.1.4 selected according to the relay function in the appliance ..... :	Tested as part of switch system	N/A
24.2	No switches or automatic controls in flexible cords		P
	No devices causing the protective device in the fixed wiring to operate in the event of a fault in the appliance		P
	No thermal cut-outs that can be reset by soldering		P
24.3	Switches intended for all-pole disconnection of stationary appliances are directly connected to the supply terminals and having a contact separation in all poles, providing full disconnection under overvoltage category III conditions		N/A
24.4	Plugs and socket-outlets for extra-low voltage circuits and heating elements, not interchangeable with plugs and socket-outlets listed in IEC 60083 or IEC 60906-1 or with connectors and appliance inlets complying with the standard sheets of IEC 60320-1		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 42V		N/A
	In addition, the motors are complying with the requirements of Annex I		N/A
24.7	Hose-sets for connection of appliances to the water mains, complying with IEC 61770 and supplied with the appliance		N/A
24.101	Thermostat and energy regulators incorporating an off position shall not switch on a result of variations in ambient temperatures (IEC 60335-2-6:2002)		N/A
	During the test, the off position shall be maintained		N/A
	No breakdown shall occur; test voltage 500 V		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
24.102	Incorporated socket-outlets in cooking ranges: single-phase type, earthing contact, rated current ≤16 A, protected by fuses or circuit breaker placed behind a non-detachable cover rated current not exceeding rated current of the socket-outlet (IEC 60335-2-6:2002)		N/A
	Cooking range for permanently connected to fixed wiring or is fitted with a polarized plug, the neutral pole need not be protected (IEC 60335-2-6:2002)		N/A
	If fuses become accessible after opening a drawer or other compartment, a non-detachable cover is not required (IEC 60335-2-6:2002)		N/A
25	SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CORDS		–
25.1	Appliance not intended for permanent connection to fixed wiring, means for connection to the supply:		–
	- supply cord fitted with a plug		N/A
	- an appliance inlet having at least the same degree of protection against moisture as required for the appliance		N/A
	- pins for insertion into socket-outlets		N/A
25.2	Appliance not provided with more than one means of connection to the supply mains		P
	Stationary appliance for multiple supply may be provided with more than one means of connection, provided electric strength test of 1250 V for 1 min between each means of connection causes no breakdown		N/A
25.3	Connection of supply conductors for appliance intended to be permanently connected to fixed wiring possible after the appliance has been fixed to its support		N/A
	Appliance provided with a set of terminals for the connection of cables or fixed wiring, cross-sectional areas specified in 26.6		N/A
	Appliance provided with a set of terminals allowing the connection of a flexible cord		P
	Appliance provided with a set of supply leads accommodated in a suitable compartment		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Appliance provided with a set of terminals and cable entries, conduit entries, knock-outs or glands, allowing connection of appropriate type of cable or conduit		N/A
	Connection of supply wires of hobs, built-in ranges and built-in ovens may be made before the appliance is installed (IEC 60335-2-6:2002)		P
25.4	Cable and conduit entries, rated current of appliance not exceeding 16 A, dimension according to table 10		N/A
	Introduction of conduit or cable does not reduce clearances or creepage distances below values specified in 29		N/A
25.5	Method for assemble supply cord with the appliance:		–
	- type X attachment		P
	- type Y attachment		N/A
	- type Z attachment, if allowed in part 2		N/A
	Type X attachment, other than those with a specially prepared cord, not used for flat twin tinsel cords		N/A
25.6	Plugs fitted with only one flexible cord		N/A
25.7	Supply cords being one of the following types:		–
	- rubber sheathed (at least 60245 IEC 53)		N/A
	- polychloroprene sheathed (at least 60245 IEC 57)		N/A
	- cross-linked polyvinyl chloride sheathed (at least 60245 IEC 87)		N/A
	Polyvinyl chloride sheathed: Not used if they are likely to touch metal parts having a temperature rise exceeding 75K during the test of Clause 11.		–
	- light polyvinyl chloride sheathed cord (at least 60227 IEC 52), appliances not exceeding 3 kg		N/A
	- ordinary polyvinyl chloride sheathed cord (at least 60227 IEC 53), other appliances		N/A
	Heat resistant polyvinyl chloride sheathed: Not used for type X attachment other than specially prepared cords.		–
	- Heat-resistant light polyvinyl chloride sheathed cord (at least 60227 IEC 56), appliances not exceeding 3 kg		N/A
	- heat-resistant polyvinyl chloride sheathed cord (60227 IEC 57), other appliances	H05V2V2-F	P

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Clause	Requirement + Test	Result - Remark	Verdict
25.8	Nominal cross-sectional area of supply cords according to table 11; rated current (A); cross-sectional area (mm²) ..... :	Max. current: 16,1 A Cross-sectional area: 2,5 mm^2	P
25.9	Supply cord not in contact with sharp points or edges		P
25.10	Green/yellow core for earthing purposes in Class I appliance		P
25.11	Conductors of supply cords not consolidated by lead-tin soldering where they are subject to contact pressure, unless		P
	clamping means so constructed that there is no risk of bad contacts due to cold flow of the solder		N/A
25.12	Moulding the cord to part of the enclosure does not damage the insulation of the supply cord		N/A
25.13	Inlet opening so shaped as to prevent damage to the supply cord		P
	Unless the enclosure at the inlet opening is of insulation material, a non-detachable lining or bushing complying with 29.3 for supplementary insulation provided		N/A
	If unsheathed supply cord, a similar additional bushing or lining is required, unless		N/A
	the appliance is class 0		N/A
25.14	Supply cords adequately protected against excessive flexing		N/A
	Flexing test:		–
	- applied force (N) ..... :		N/A
	- number of flexings ..... :		N/A
	The test does not result in:		–
	- short circuit between the conductors		N/A
	- breakage of more than 10% of the strands of any conductor		N/A
	- separation of the conductor from its terminal		N/A
	- loosening of any cord guard		N/A
	- damage, within the meaning of the standard, to the cord or the cord guard		N/A
	- broken strands piercing the insulation and becoming accessible		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	For temperature-sensing probes, the total number of flexings is 5 000. (IEC 60335-2-6:2002)		N/A
	Probes with circular section cords are turned through 90° after 2 500 flexings(IEC 60335-2-6:2002)		N/A
25.15	Conductors of the supply cord relieved from strain, twisting and abrasion by use of cord anchorage		P
	The cord cannot be pushed into the appliance to such an extent that the cord or internal parts of the appliance can be damaged		P
	Pull and torque test of supply cord, values shown in table 10: pull (N); torque (not on automatic cord reel) (Nm) ..... :	100; 0,35	P
	Max. 2 mm displacement of the cord, and conductors not moved more than 1 mm in the terminals		P
	Creepage distances and clearances not reduced below values specified in 29.1		P
25.16	Cord anchorages for type X attachments constructed and located so that:		–
	- replacement of the cord is easily possible		P
	- it is clear how the relief from strain and the prevention of twisting are obtained		P
	- they are suitable for different types of cord		P
	- cord cannot touch the clamping screws of cord anchorage if these screws are accessible, unless separated from accessible metal parts by supplementary insulation		P
	- the cord is not clamped by a metal screw which bears directly on the cord		P
	- at least one part of the cord anchorage securely fixed to the appliance, unless part of a specially prepared cord		P
	- screws which have to be operated when replacing the cord do not fix any other component, if applicable		P
	- if labyrinths can be bypassed the test of 25.15 is nevertheless withstood		N/A
	- for Class 0, 0I and I appliances: they are of insulating material or are provided with an insulating lining, unless a failure of the insulation of the cord does not make accessible metal parts live		P

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Clause	Requirement + Test	Result - Remark	Verdict
	- for Class II appliances: they are of insulating material, or if of metal, they are insulated from accessible metal parts by supplementary insulation		N/A
25.17	Adequate cord anchorages for type Y and Z attachment		N/A
25.18	Cord anchorages only accessible with the aid of a tool, or		P
	so constructed that the cord can only be fitted with the aid of a tool		P
25.19	Type X attachment, glands not used as cord anchorage in portable appliances		N/A
	Tying the cord into a knot or tying the cord with string not used		N/A
25.20	Conductors of the supply cord for type Y and Z attachment adequately additionally insulated		N/A
25.21	Space for supply cord for type X attachment or for connection of fixed wiring constructed to permit checking of conductors with respect to correct positioning and connection before fitting any cover, no risk of damage to the conductors when fitting the cover, no contact with accessible metal parts if a conductor becomes loose, etc.		P
	For portable appliances, the uninsulated end of a conductor prevented from any contact with accessible metal parts, unless the end of the cord is such that the conductors are unlikely to slip free		N/A
25.22	Appliance inlet:		–
	- live parts not accessible during insertion or removal		N/A
	- connector can be inserted without difficulty		N/A
	- the appliance is not supported by the connector		N/A
	- is not for cold conditions if temp. rise of external metal parts exceeds 75 K, unless the supply cord is not likely to touch such metal parts		N/A
25.23	Interconnection cords comply with the requirements for the supply cord, except as specified		N/A
	If necessary, electric strength test of 16.3		N/A
25.24	Interconnection cords not detachable without the aid of a tool if compliance with the standard is impaired when they are disconnected		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
25.25	Dimensions of pins compatible with the dimensions of the relevant socket-outlet. Dimensions of pins and engagement face in accordance with the relevant plug in IEC 60083		N/A
26	TERMINALS FOR EXTERNAL CONDUCTORS		–
26.1	Appliances provided with terminals or equally effective devices for connection of external conductors		P
	Terminals only accessible after removal of a non-detachable cover		P
	However, earthing terminals may be accessible if a tool is required to make the connections and means are provided to clamp the wire independently from its connection		N/A
26.2	Appliances with type X attachment and appliances for connection to fixed wiring provided with terminals in which connections are made by means of screws, nuts or similar devices, unless the connections are soldered		P
	Screws and nuts serve only to clamp supply conductors, except		P
	internal conductors, if so arranged that they are unlikely to be displaced when fitting the supply conductors		N/A
	If soldered connections used, the conductor so positioned or fixed that reliance is not placed on soldering alone		N/A
	Soldering alone used, barriers provided, clearances and creepage distances satisfactory if the conductor becomes free at the soldered joint		N/A
26.3	Terminals for type X attachment and for connection to fixed wiring so constructed that the conductor is clamped between metal surfaces with sufficient contact pressure and without damaging the conductor		P
	Terminals for type X attachment and those for connection to fixed wiring so fixed that when tightening or loosening the clamping means:		–
	- the terminal does not loosen		P
	- internal wiring is not subjected to stress		P
	- clearances and creepage distances are not reduced below the values in 29		P

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Clause	Requirement + Test	Result - Remark	Verdict
	Compliance checked by inspection and by the test of subclause 9.6 of IEC 60999-1, the torque applied being equal to two-thirds of the torque specified. Nominal diameter of thread (mm); screw category; torque (Nm):	3,9; II; 0,8	P
26.4	Terminals for type X attachment, except those with a specially prepared cord, and those for connection to fixed wiring, no special preparation of conductors required, and so constructed or placed that conductors prevented from slipping out		P
26.5	Terminals for type X attachment so located or shielded that if a wire of a stranded conductor escapes, no risk of accidental connection to other parts that result in a hazard		P
	Stranded conductor test, 8 mm insulation removed		P
	No contact between live parts and accessible metal parts and, for class II constructions, between live parts and metal parts separated from accessible metal parts by supplementary insulation only		P
26.6	Terminals for type X attachment and for connection to fixed wiring suitable for connection of conductors with required cross-sectional area according to table 13; rated current (A); nominal cross-sectional area (mm^2):	16,1; 2,5	P
	Terminals only suitable for a specially prepared cord		N/A
26.7	Terminals for type X attachment accessible after removal of a cover or part of the enclosure		P
26.8	Terminals for the connection to fixed wiring, including the earthing terminal, located close to each other		N/A
26.9	Terminals of the pillar type constructed and located as specified		N/A
26.10	Terminals with screw clamping and screwless terminals not used for flat twin tinsel cords, unless conductors ends fitted with a device suitable for screw terminals	Flat twin tinsel cord not used.	N/A
	Pull test of 5 N to the connection		N/A
26.11	For type Y and Z attachment: soldered, welded, crimped and similar connections may be used		N/A
	For Class II appliances: the conductor so positioned or fixed that reliance is not placed on soldering, welding or crimping alone		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	For Class II appliances: soldering, welding or crimping alone used, barriers provided, clearances and creepage distances satisfactory if the conductor becomes free		N/A
27	PROVISION FOR EARTHING		–
27.1	Accessible metal parts of Class 0I and I appliances, permanently and reliably connected to an earthing terminal or contact of the appliance inlet		P
	Earthing terminals not connected to neutral terminal		P
	Class 0, II and III appliance have no provision for earthing		N/A
	Safety extra-low voltage circuits not earthed, unless protective extra-low voltage circuits		P
27.2	Clamping means adequately secured against accidental loosening		P
	Terminals used for the connection of external equipotential bonding conductors allow connection of conductors of 2.5 to 6 mm², and		N/A
	do not provide earthing continuity between different parts of the appliance		N/A
	Conductors cannot be loosened without the aid of a tool		N/A
27.3	For detachable parts that are plugged into another part of the appliance, and having an earth connection, the earth connection made before and separated after current-carrying connections when removing the part		N/A
	For appliances with supply cord, current-carrying conductors become taut before earthing conductor, if the cord slips out of the cord anchorage		N/A
27.4	No risk of corrosion resulting from contact between metal of earthing terminal and other metal		P
	Adequate resistance to corrosion of coated or uncoated parts providing earthing continuity, other than parts of a metal frame or enclosure		P
	Parts of steel providing earthing continuity provided at the essential areas with an electroplated coating, thickness at least 5 µm		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Adequate protection against rusting of parts of coated or uncoated steel, only intended to provide or transmit contact pressure		N/A
	In case of aluminium alloys precautions taken to avoid risk of corrosion		N/A
27.5	Low resistance of connection between earthing terminal and earthed metal parts		P
	This requirement does not apply to connections providing earthing continuity in the protective extra-low voltage circuit, provided that clearances of basic insulation are based on the rated voltage of the appliance		P
	Resistance not exceeding 0,1 Ω at the specified low-resistance test	0,032 Ω	P
27.6	The printed conductors of printed circuit boards shall not be used to provide earthing continuity in hand-held appliances.		N/A
	They may be used to provide earthing continuity in other appliances if at least two tracks are used with independent soldering points and the appliance complies with 27.5 for each circuit		P
28	SCREWS AND CONNECTIONS		–
28.1	Fixings, electrical connections and connections providing earthing continuity withstand mechanical stresses		P
	Screws not of soft metal liable to creep, such as zinc or aluminium		P
	Diameter of screws of insulating material min. 3 mm		N/A
	Screws of insulating material not used for any electrical connection or connections providing earthing continuity		P
	Screws used for electrical connections or connections providing earthing continuity screw into metal		P
	Screws not of insulating material if their replacement by a metal screw can impair supplementary or reinforced insulation		P
	Type X attachment, screws to be removed for replacement of supply cord or for user maintenance, not of insulating material if their replacement by a metal screw can impair basic insulation		P

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Clause	Requirement + Test	Result - Remark	Verdict
	For screws and nuts; test as specified	(see appended table)	P
28.2	Electrical connections and connections providing earthing continuity constructed so that contact pressure not transmitted through insulating material liable to shrink or distort, unless shrinkage or distortion compensated		P
	This requirement does not apply to electrical connections in circuits carrying a current not exceeding 0.5A		N/A
28.3	Space-threaded (sheet metal) screws only used for electrical connections if they clamp the parts together		N/A
	Thread-cutting (self-tapping) screws and thread rolling screws only used for electrical connections if they generate a full form standard machine screw thread		N/A
	Thread-cutting (self-tapping) screws not used if they are likely to be operated by the user or installer		N/A
	Thread-cutting, thread rolling and space threaded screws may be used in connections providing earthing continuity provided it is not necessary to disturb the connection:		–
	- in normal use,		N/A
	- during user maintenance,		N/A
	- when replacing a supply cord having a type X attachment, or		N/A
	- during installation		N/A
	At least two screws being used for each connection providing earthing continuity, unless		N/A
	the screw forms a thread having a length of at least half the diameter of the screw		N/A
	Thread-cutting and space-threaded screws may be used in connections providing earthing continuity, provided unnecessary to disturb the connection and at least two screws are used for each connection		N/A
28.4	Screws and nuts that make mechanical connection secured against loosening if they also make electrical connections or connections providing earthing continuity		P
	Rivets for electrical connections or connections providing earthing continuity secured against loosening if subjected to torsion		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
29	CLEARANCES, CREEPAGE DISTANCES AND SOLID INSULATION		–
	Clearances, creepage distances and solid insulation withstand electrical stress		P
	For coatings used on printed circuits boards to protect the microenvironment (Type 1) or to provide basic insulation (Type 2), annex J applies ..... :		N/A
	The microenvironment is pollution degree 1 under Type 1 coating		N/A
	No clearance or creepage distance requirements under Type 2 coating		N/A
29.1	Clearances not less than the values specified in table 16, taking into account the rated impulse voltage for the overvoltage categories of table 15, unless		P
	for basic insulation and functional insulation they comply with the impulse voltage test of clause 14		N/A
	However, if the construction is affected by wear, distortion, movement of the parts or during assembly, the clearances for rated impulse voltages of 1500V and above are increased by 0,5 mm and the impulse voltage test is not applicable		N/A
	Impulse voltage test not applicable:		–
	- when the microenvironment is pollution degree 3		P
	- for basic insulation of class 0 and class 0I appliances		N/A
	Appliances are in overvoltage category II		P
	Compliance is checked by inspection and measurements as specified		P
29.1.1	Clearances of basic insulation withstand the overvoltages, taking into account the rated impulse voltage		P
	Clearance at the terminals of tubular sheathed heating elements may be reduced to 1mm if the microenvironment is pollution degree 1		N/A
	Lacquered conductors of windings considered to be bare conductors		P
29.1.2	Clearances of supplementary insulation not less than those specified for basic insulation in table 16		N/A
29.1.3	Clearances of reinforced insulation not less than those specified for basic insulation in table 16, but using the next higher step for rated impulse voltage		P

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Clause	Requirement + Test	Result - Remark	Verdict
29.1.4	For functional insulation, the values of table 16 are applicable, unless		P
	the appliance complies with clause 19 with the functional insulation short-circuited		N/A
	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
29.1.5	Appliances having higher working voltage than rated voltage, the voltage used for determining clearances from table 16 is the sum of the rated impulse voltage and the difference between the peak value of the working voltage and the peak value of the rated voltage		N/A
	If the secondary winding of a step-down transformer is earthed, or if there is an earthed screen between the primary and secondary windings, clearances of basic insulation on the secondary side not less than those specified in table 16, but using the next lower step for rated impulse voltage		N/A
	Circuits supplied with a voltage lower than rated voltage, clearances of functional insulation based on the working voltage used as the rated voltage in table 15		N/A
29.2	Creepage distances not less than those appropriate for the working voltage, taking into account the material group and the pollution degree		P
	Pollution degree 2 applies, unless		N/A
	precautions taken to protect the insulation; pollution degree 1		N/A
	insulation subjected to conductive pollution; pollution degree 3		P
	Compliance is checked by inspection and measurements as specified		P
	The microenvironment is pollution degree 3 unless the insulation is enclosed or located so that it is unlikely to be exposed to pollution during normal use of the appliance (IEC 60335-2-6:2002) (IEC 60335-2-13:2002)		P

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Clause	Requirement + Test	Result - Remark	Verdict
29.2.1	Creepage distances of basic insulation not less than specified in table 17		P
	For pollution degree 1, creepage distance not less than the minimum specified for the clearance in table 16, if the clearance has been checked according to the test of clause 14		N/A
29.2.2	Creepage distances of supplementary insulation at least as specified for basic insulation in table 17		N/A
29.2.3	Creepage distances of reinforced insulation at least double as specified for basic insulation in table 17		P
29.2.4	Creepage distances of functional insulation not less than specified in table 18		P
	Creepage distances may be reduced if the appliance complies with clause 19 with the functional insulation short-circuited		N/A
29.3	Supplementary and reinforced insulation having adequate thickness, or a sufficient number of layers, to withstand the electrical stresses		P
	Compliance checked by:		–
	- measurement, in accordance with 29.3.1, or		P
	- an electric strength test in accordance with 29.3.2, or		N/A
	- an assessment of the thermal quality of the material combined with an electric strength test, in accordance with 29.3.3		N/A
	This requirement does not apply to the sheath of visibly glowing heating element inaccessible to test probe 41 of IEC 61032 (IEC 60335-2-6:2002)		N/A
29.3.1	Supplementary insulation having a thickness of at least 1 mm	Plastic box: 1,8 mm	P
	Reinforced insulation having a thickness of at least 2 mm	Glass-ceramic surface: 4 mm	P
29.3.2	Each layer of material withstand the electric strength test of 16.3 for supplementary insulation		N/A
	Supplementary insulation consisting of at least 2 layers		N/A
	Reinforced insulation consisting of at least 3 layers		N/A
29.3.3	The insulation is subjected to the dry heat test Bb of IEC 60068-2-2, followed by		N/A
	the electric strength test of 16.3		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	If the temperature rise during the tests of Clause 19 does not exceed the value specified in Table 3, the test of IEC 60068-2-2 is not carried out		N/A
30	RESISTANCE TO HEAT AND FIRE		–
30.1	External parts of non-metallic material,		P
	parts supporting live parts, and		P
	thermoplastic material providing supplementary or reinforced insulation,		P
	sufficiently resistant to heat		P
	Ball-pressure test according to IEC 60695-10-2		P
	External parts: at 40 °C plus the maximum temperature rise determined during the test of clause 11, or at 75 °C, whichever is the higher; temperature (°C) ..... :	(See appended table.)	P
	Parts supporting live parts: at 40°C plus the maximum temperature rise determined during the test of clause 11, or at 125°C, whichever is the higher; temperature (°C) ..... :	(See appended table.)	P
	Parts of thermoplastic material providing supplementary or reinforced insulation, 25°C plus the maximum temperature rise determined during clause 19, if higher; temperature (°C) ..... :	Cl. 11 rise + 40 K higher.	N/A
30.2	Parts of non-metallic material adequately resistant to ignition and spread of fire		P
	This requirement does not apply to decorative trims, knobs and other parts unlikely to be ignited or to propagate flames that originate inside the appliance		N/A
	Compliance checked by the test of 30.2.1. In addition:		P
	- attended appliances, 30.2.2 applies		N/A
	- unattended appliances, 30.2.3 applies		P
	Appliances for remote operation, 30.2.3 applies		N/A
	Base material of printed circuit board, 30.2.4 applies		P
	For induction wok elements, grills and griddles that do not incorporate a timer , 30.2.2 is applicable (IEC 60335-2-6:2002)		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	For other appliances, 30.2.3 is applicable (IEC 60335-2-6:2002)		P
30.2.1	Glow-wire test of IEC 60695-2-11 at 550 °C, unless		P
	the material is classified at least HB40 according to IEC 60695-11-10		N/A
	Parts for which the glow-wire test cannot be carried out meet the requirements in ISO9772 for category HBF material		N/A
30.2.2	Appliances operated while attended, parts of non-metallic material supporting current-carrying connections, and parts of non-metallic material within a distance of 3mm of such connections, are subjected to the glow-wire test of IEC 60695-2-11.		N/A
	The glow-wire test is not carried out on parts of material classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least:		–
	- 750 °C, for connections carrying a current exceeding 0,5 A during normal operation		N/A
	- 650 °C, for other connections		N/A
	Test as specified for an interposed shielding material		N/A
	When the glow-wire test of IEC 60695-2-11 is carried out, the temperatures are:		–
	- 750 °C, for connections carrying a current exceeding 0,5 A during normal operation		N/A
	- 650 °C, for other connections		N/A
	Test not applicable to conditions as specified		N/A
30.2.3	Appliances operated while unattended, tested as specified in 30.2.3.1 and 30.2.3.2		P
	Tests not applicable to conditions as specified		N/A
30.2.3.1	Parts of insulating material supporting connections carrying a current exceeding 0.2 A during normal operation, and		P
	parts of non-metallic material within a distance of 3mm,		P
	subjected to the glow-wire test of IEC 60695-2-11 with a test severity of 850 °C		P
	Glow-wire test not carried out on parts of material classified as having a glow-wire flammability index of at least 850 °C according to IEC 60695-2-12		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
	Glow-wire test not carried out on small parts that comply with the needle-flame test of Annex E or on small parts of material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
	Test as specified for an interposed shielding material		N/A
30.2.3.2	Parts of non-metallic material supporting current-carrying connections, and		P
	parts of non-metallic material within a distance of 3 mm,		N/A
	subjected to glow-wire test of IEC 60695-2-11		P
	Test not carried out on material having a glow-wire ignition temperature according to IEC 60695-2-13 of at least:		–
	- 775 °C, for connections carrying a current exceeding 0,2 A during normal operation		N/A
	- 675 °C, for other connections		N/A
	When the glow-wire test of IEC 60695-2-11 is carried out, the temperatures are:		–
	- 750 °C, for connections carrying a current exceeding 0,2 A during normal operation	All passes 850 ºC test	P
	- 650 °C, for other connections		N/A
	Parts that during the test produce a flame persisting longer than 2 s, tested as specified		N/A
	If a flame persists longer than 2 s during the test, parts above the connection, as specified, subjected to the needle-flame test of annex E, unless		N/A
	the material is classified as V-0 or V-1 according to IEC 60695-11-10		N/A
30.2.4	Base material of printed circuit boards subjected to needle-flame test of annex E		P
	Test not applicable to conditions as specified		N/A
31	RESISTANCE TO RUSTING		–
	Relevant ferrous parts adequately protected against rusting		P
32	RADIATION, TOXICITY AND SIMILAR HAZARDS		–
	Appliance shall not emit harmful radiation, present a toxic or similar hazard due to their operation in normal use		P
	Relevant tests specified in part 2, if necessary		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
32.101	Pyrolytic self-cleaning ovens shall be constructed so that the carbon monoxide is not discharged in hazardous quantities during cleaning (IEC 60335-2-6:2002)		N/A

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
A	ANNEX A (INFORMATIVE) ROUTINE TESTS		–
	Description of routine tests to be carried out by the manufacturer	To be considered when certified.	–
B	ANNEX B (NORMATIVE) APPLIANCES POWERED BY RECHARGEABLE BATTERIES		–
	The following modifications to this standard are applicable for appliances powered by batteries that are recharged in the appliance		N/A
	This annex does not apply to battery chargers		N/A
3.1.9	Appliance operated under the following conditions:		–
	-the appliance, supplied by its fully charged battery, operated as specified in relevant part 2		N/A
	-the battery is charged, the battery being initially discharged to such an extent that the appliance cannot operate		N/A
	-if possible, the appliance is supplied from the supply mains through its battery charger, the battery being initially discharged to such an extent that the appliance cannot operate. The appliance is operated as specified in relevant part 2		N/A
	If the appliance incorporates inductive coupling between two parts that are detachable from each other, the appliance is supplied from the supply mains with the detachable part removed		N/A
3.6.2	Part to be removed in order to discard the battery is not considered to be detachable		N/A
5.101	Appliances supplied from the supply mains tested as specified for motor-operated appliances		N/A
7.1	Battery compartment for batteries intended to be replaced by the user, marked with battery voltage and polarity of the terminals		N/A
7.12	The instructions for appliances incorporating batteries intended to be replaced by the user includes required information		N/A
	Details about how to remove batteries containing materials hazardous to the environment given		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
7.15	Markings placed on the part of the appliance connected to the supply mains		N/A
8.2	Appliances having batteries that according to the instruction may be replaced by the user need only have basic insulation between live parts and the inner surface of the battery compartment		N/A
	If the appliance can be operated without batteries, double or reinforced insulation required		N/A
11.7	The battery is charged for the period described		N/A
19.1	Appliances subjected to tests of 19.101, 19.102 and 19.103		N/A
19.101	Appliances supplied at rated voltage for 168 h, the battery being continually charged		N/A
19.102	Short-circuiting of the terminals of the battery, being fully charged, for appliances having batteries that can be removed without the aid of a tool		N/A
19.103	Appliances having batteries replaceable by the user supplied at rated voltage under normal operation with the battery removed or in any position allowed by the construction		N/A
21.101	Appliances having pins for insertion into socket-outlets have adequate mechanical strength, checked according to procedure 2 of IEC 68-2-32		N/A
	Part of the appliance incorporating the pins subjected to the free fall test, procedure 2, of IEC 60068-2-32, the number of falls being:		–
	- 100, the mass of part does not exceed 250 g		N/A
	- 50, the mass of part exceeds 250 g		N/A
	After the test, the requirements of 8.1, 15.1.1, 16.3 and clause 29 are met		N/A
22.3	Appliances having pins for insertion into socket-outlets tested as fully assembled as possible		N/A
25.13	An additional lining or bushing not required for interconnection cords operating at safety extra-low voltage		N/A
30.2	For parts of the appliance connected to the supply mains during the charging period, 30.2.3 applies		N/A
	For other parts, 30.2.2 applies		N/A
			N

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Clause	Requirement + Test	Result - Remark	Verdict
C	ANNEX C (NORMATIVE) AGEING TEST ON MOTORS		–
	Tests, as described, carried out when doubt with regard to the temperature classification of the insulation of a motor winding		N/A
D	ANNEX D (NORMATIVE) THERMAL MOTOR PROTECTORS		–
	Applicable to appliances having motors that incorporate thermal motor protectors		N/A
E	ANNEX E (NORMATIVE) NEEDLE-FLAME TEST		–
	Needle-flame test carried out in accordance with IEC 60695-11-5, with the following modifications:		P
7	Severities		–
	The duration of application of the test flame is 30 s ± 1 s		P
9	Test procedure		–
9.1	The specimen so arranged that the flame can be applied to a vertical or horizontal edge as shown in the examples of figure 1		P
9.2	The first paragraph does not apply		P
	If possible, the flame is applied at least 10 mm from a corner		P
9.3	The test is carried out on one specimen		P
	If the specimen does not withstand the test, the test may be repeated on two additional specimens, both withstanding the test		P
10	Evaluation of test results		–
	The duration of burning not exceeding 30 s		N/A
	However, for printed circuit boards, the duration of burning not exceeding 15 s		P
F	ANNEX F (NORMATIVE) CAPACITORS		–

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Clause	Requirement + Test	Result - Remark	Verdict
	Capacitors likely to be permanently subjected to the supply voltage, and used for radio interference suppression or voltage dividing, comply with the following clauses of IEC 60384-14, with the following modifications:		N/A
1.5	Terminology		–
1.5.3	Class X capacitors tested according to subclass X2		N/A
1.5.4	This subclause is applicable		N/A
1.6	Marking		–
	Items a) and b) are applicable		N/A
3.4	Approval testing		–
3.4.3.2	Table II is applicable as described		N/A
4.1	Visual examination and check of dimensions		–
	This subclause is applicable		N/A
4.2	Electrical tests		–
4.2.1	This subclause is applicable		N/A
4.2.5	This subclause is applicable		N/A
4.2.5.2	Only table IX is applicable		N/A
	Values for test A apply		N/A
	However, for capacitors in heating appliances the values for test B or C apply		N/A
4.12	Damp heat, steady state		–
	This subclause is applicable		N/A
	Only insulation resistance and voltage proof are checked		N/A
4.13	Impulse voltage		–
	This subclause is applicable		N/A
4.14	Endurance		–
	Subclauses 4.14.1, 4.14.3, 4.14.4 and 4.14.7 applicable		N/A
4.14.7	Only insulation resistance and voltage proof are checked		N/A
	Visual examination, no visible damage		N/A
4.17	Passive flammability test		–

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Clause	Requirement + Test	Result - Remark	Verdict
	This subclause is applicable		N/A
4.18	Active flammability test		–
	This subclause is applicable		N/A
G	ANNEX G (NORMATIVE) SAFETY ISOLATING TRANSFORMERS		–
	The following modifications to this standard are applicable for safety isolating transformers:		P
7	Marking and instructions		–
7.1	Transformers for specific use marked with:		–
	-name, trademark or identification mark of the manufacturer or responsible vendor		P
	-model or type reference		P
17	Overload protection of transformers and associated circuits		–
	Fail-safe transformers comply with subclause 15.5 of IEC 61558-1		N/A
22	Construction		–
	Subclauses 19.1 and 19.1.2 of IEC 61558-2-6 are applicable		P
29	Clearances, creepage distances and solid insulation		–
29.1, 29.2 and 29.3	The distances specified in items 2a, 2c and 3 in table 13 of IEC 61558-1 apply		P
H	ANNEX H (NORMATIVE) SWITCHES		–
	Switches comply with the following clauses of IEC 61058-1, as modified:		–
	-The tests of IEC 61058-1 carried out under the conditions occurring in the appliance	Touch control with relay	P
	-Before being tested, switches are operated 20 times without load		P
8	Marking and documentation		–
	Switches are not required to be marked		P
	However, switches that can be tested separately from the appliance marked with the manufacturer’s name or trade mark and the type reference		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
13	Mechanism		–
	The tests may be carried out on a separate sample		P
15	Insulation resistance and dielectric strength		–
15.1	Not applicable		N/A
15.2	Not applicable		N/A
15.3	Applicable for full disconnection and micro-disconnection		N/A
17	Endurance		–
	Compliance is checked on three separate appliances or switches		P
	For 17.2.4.4, the number of cycles is 10 000, unless otherwise specified in 24.1.3 of the relevant part 2 of IEC 60335		P
	Switches for operation under no load and which can be operated only by a tool and switches operated by hand that are interlocked so that they cannot be operated under load, are not subjected to the tests		N/A
	Subclauses 17.2.2 and 17.2.5.2 not applicable		N/A
	The ambient temperature during the test is that occurring in the appliance during the test of Clause 11 in IEC 60335-1		P
	Temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1		P
20	Clearances, creepage distances, solid insulation and coatings of rigid printed board assemblies		–
	This clause is applicable to clearances and creepage distances for functional insulation, across full disconnection and micro-disconnection, as stated in table 24		P
I	ANNEX I (NORMATIVE) MOTORS HAVING BASIC INSULATION THAT IS INADEQUATE FOR THE RATED VOLTAGE OF THE APPLIANCE		–
	The following modifications to this standard are applicable for motors having basic insulation that is inadequate for the rated voltage of the appliance:		N/A
8	Protection against access to live parts		–

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Clause	Requirement + Test	Result - Remark	Verdict
8.1	Metal parts of the motor are considered to be bare live parts		N/A
11	Heating		–
11.3	Temperature rise of the body of the motor is determined instead of the temperature rise of the windings		N/A
11.8	Temperature rise of the body of the motor, where in contact with insulating material, not exceeding values in table 3 for the relevant insulating material		N/A
16	Leakage current and electric strength		–
16.3	Insulation between live parts of the motor and its other metal parts not subjected to the test		N/A
19	Abnormal operation		–
19.1	The tests of 19.7 to 19.9 not carried out		N/A
19.101	Appliance operated at rated voltage with each of the following fault conditions:		–
	- short circuit of the terminals of the motor, including any capacitor incorporated in the motor circuit		N/A
	- short circuit of each diode of the rectifier		N/A
	- open circuit of the supply to the motor		N/A
	- open circuit of any parallel resistor, the motor being in operation		N/A
	Only one fault simulated at a time, the tests carried out consecutively		N/A
22	Construction		–
22.101	For class I appliances incorporating a motor supplied by a rectifier circuit, the d.c. circuit being insulated from accessible parts of the appliance by double or reinforced insulation		N/A
	Compliance checked by the tests specified for double and reinforced insulation		N/A
J	ANNEX J (NORMATIVE) COATED PRINTED CIRCUIT BOARDS		–
	Testing of protective coatings of printed circuit boards carried out in accordance with IEC 60664-3 with the following modifications:		N/A
5.7	Conditioning of the test specimens		–

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Clause	Requirement + Test	Result - Remark	Verdict
	When production samples are used, three samples of the printed circuit board are tested		N/A
5.7.1	Cold		–
	The test is carried out at -25°C		N/A
5.7.3	Rapid change of temperature		–
	Severity 1 is specified		N/A
5.9	Additional tests		–
	This subclause is not applicable		N/A
K	ANNEX K (NORMATIVE) OVERVOLTAGE CATEGORIES		–
	The information on overvoltage categories is extracted from IEC 60664-1		P
	Overvoltage category is a numeral defining a transient overvoltage condition		P
	Equipment of overvoltage category IV is for use at the origin of the installation		N/A
	Equipment of overvoltage category III is equipment in fixed installations and for cases where the reliability and the availability of the equipment is subject to special requirements		N/A
	Equipment of overvoltage category II is energy consuming equipment to be supplied from the fixed installation		P
	If such equipment is subjected to special requirements with regard to reliability and availability, overvoltage category III applies		N/A
	Equipment of overvoltage category I is equipment for connection to circuits in which measures are taken to limit transient overvoltages to an appropriate low level		N/A
L	ANNEX L (INFORMATIVE) GUIDANCE FOR THE MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES		–
	Sequences for the determination of clearances and creepage distances		P

IEC 60335-2-6			
Clause	Requirement + Test	Result - Remark	Verdict
M	ANNEX M (NORMATIVE) POLLUTION DEGREE		–
	The information on pollution degrees is extracted from IEC 60664-1		P
	Pollution		–
	The microenvironment determines the effect of pollution on the insulation, taking into account the microenvironment		P
	Means may be provided to reduce pollution at the insulation by effective enclosures or similar		P
	Minimum clearances specified where pollution may be present in the microenvironment		P
	Degrees of pollution in the microenvironment		–
	For evaluating creepage distances, the following degrees of pollution in the microenvironment are established:		–
	- pollution degree 1: no pollution or only dry, non-conductive pollution occurs. The pollution has no influence		N/A
	- pollution degree 2: only non-conductive pollution occurs, except that occasionally a temporary conductivity caused by condensation is to be expected		N/A
	- pollution degree 3: conductive pollution occurs or dry non-conductive pollution occurs that becomes conductive due to condensation that is to be expected		P
	- pollution degree 4: the pollution generates persistent conductivity caused by conductive dust or by rain or snow		N/A
N	ANNEX N (NORMATIVE) PROOF TRACKING TEST		–
	The proof tracking test is carried out in accordance with IEC 60112 with the following modifications:		P
7	Test apparatus		–
7.3	Test solutions		–
	Test solution A is used		P
10	Determination of proof tracking index (PTI)		–
10.1	Procedure		–

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Clause	Requirement + Test	Result - Remark	Verdict
	The proof voltage is 100V, 250V, 175V, 400V or 600V:	175 V	P
	The last paragraph of Clause 3 applies		P
	The test is carried out on five specimens		P
	In case of doubt, additional test with proof voltage reduced by 25V, the number of drops increased to 100		N/A
10.2	Report		–
	The report stating if the PTI value was based on a test using 100 drops with a test voltage of (PTI-25) V		P
O	ANNEX O (INFORMATIVE) SELECTION AND SEQUENCE OF THE TESTS OF CLAUSE 30		–
	Description of tests for determination of resistance to heat and fire		P
P	ANNEX P (INFORMATIVE) GUIDANCE FOR THE APPLICATION OF THIS STANDARD TO APPLIANCES USED IN WARM DAMP EQUABLE CLIMATES		–
	Modifications applicable for class 0 and 0I appliances having a rated voltage exceeding 150V, intended to be used in countries having a warm damp equable climate and that are marked WDaE		–
	Modifications may also be applied to class I appliances having a rated voltage exceeding 150V, intended to be used in countries having a warm damp equable climate and that are marked WdaE, if liable to be connected to a supply mains that excludes the protective earthing conductor		–
5	General conditions for the tests		–
5.7	The ambient temperature for the tests of Clauses 11 and 13 is 40 $^{+3}/_{0}$		N/A
7	Marking and instructions		–
7.1	The appliance marked with the letters WDaE		N/A
7.12	The instructions state that the appliance is to be supplied through a RCD having a rated residual operating current not exceeding 30 mA		N/A
	The instructions state that the appliance is considered to be suitable for use in countries having a warm damp equable climate, but may also be used in other countries		N/A
11	Heating		–

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Clause	Requirement + Test	Result - Remark	Verdict
11.8	The values of Table 3 are reduced by 15 K		N/A
13	Leakage current and electric strength at operating temperature		–
13.2	The leakage current for class I appliances not exceeding 0,5 mA		N/A
15	Moisture resistance		–
15.3	The value of t is 37 °C		N/A
16	Leakage current and electric strength		–
16.2	The leakage current for class I appliances not exceeding 0,5 mA		N/A
19	Abnormal operation		–
19.13	The leakage current test of 16.2 is applied in addition to the electric strength test of 16.3		N/A
Q	ANNEX Q (INFORMATIVE) SEQUENCE OF TESTS FOR THE EVALUATION OF ELECTRONIC CIRCUITS		–
	Description of tests for appliances incorporating electronic circuits		P
R	ANNEX R (NORMATIVE) SOFTWARE EVALUATION		–
	Software evaluated in accordance with the following clauses of Annex H of IEC 60730-1, as modified		–
H.2	Definitions		–
	Only definitions H.2.16 to H.2.20 applicable		N/A
H.7	Information		–
	Only footnotes 12) to 18) of Table 7.2, as modified, applicable		N/A
H.11.12	Controls using software		–
	All the subclauses of H.11.12, as modified, except H.11.12.6 and H.11.12.6.1, applicable		N/A
H.11.12.7	Delete text		N/A
H.11.12.7.1	For appliances using software class C having a single channel with self-test and monitoring structure, the manufacturer provides the measures necessary to address the fault/errors in safety related segments and data		N/A

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Clause	Requirement + Test	Result - Remark	Verdict
H.11.12.8	Software fault/error detection occurs before compliance with 19.13 of IEC 60335-1 is impaired		N/A
H.11.12.8.1	Replace text		N/A
H.11.12.13	Software and safety related hardware under its control initializes and terminates before compliance with 19.13 of IEC 60335-1 is impaired		N/A
	Software in some induction generation modules with controls evaluated separately to class B. Re-evaluation not necessary as module not changed. Worst-case scenarios handled through other clauses.		–

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10.1	TABLE: Power input deviation				P
Input deviation of/at:	P rated (W)	P measured (W)	dP	Required dP	Remark
EO3700:					
Rear hob (230V)	2300	2195	-4,6%	+15,0%	P
Front hob (230V)	1400	1385	-1,1%	+15,0%	P
Both (230V)	3700	3600	-2,7%	+15,0%	P
XO3700:					
Rear hob (230V)	2300	2290	-2,1%	+15,0%	P
Front hob (230V)	1400	1370	-0,4%	+15,0%	P
Both (230V)	3700	3660	-1,1%	+15,0%	P
XO3400:					
Rear hob (230V)	2000	1970	-1,5%	+15,0%	P
Front hob (230V)	1400	1400	+0,0%	+15,0%	P
Both (230V)	3400	3370	-0,9%	+15,0%	P

10.2	TABLE: Current deviation				N/A
Current deviation of/at:	I rated (A)	I measured (A)	dI	Required dI	Remark

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V) .....:	254,4	—
	Ambient (°C) .....:	24	—

Thermocouple locations	dT (K)	Max. dT (K)
Internal wiring close to the terminal (T125)	79	100
Internal wiring, touching the enclosure	79	100
Internal wiring, close to the EGO 75.08010.201	86	100
Ambient of the inductiongenerator 75.08010.201 (T85)	60	60
The supply cord	41	50
The terminal, inside the appliance (T110)	67	85
The printed circuit board	75	120
The Capacitor, C301 (T105)	74	80

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Coil L300 (Class B)	70	85
Test corner floor	17	70
Test corner support	30	70
Touch control	45	45
Relay windings	65	65
Windings E.G.O 75.08010.201	84	120
Coil E.G.O 75.08010.201	85	120

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V) .....:	254,4				—
	Ambient, t_1 (°C) .....:	24				—
	Ambient, t_2 (°C) .....:	24				—
Temperature rise of winding		R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Transformer TR400 Secondary		0.42	0.51	59	75	105 (A)
Transformer TR400 Primary		6.84	8.48	62	75	105 (A)

11.8	TABLE: Heating test, thermocouples (XO3700)		P
	Test voltage (V) .....:	254,4	—
	Ambient (°C) .....:	23	—
Thermocouple locations	dT (K)	Max. dT (K)	
Winding, left rear hob	93	160	
Internal wiring, left rear hob	74	100	
C1002	43	50	
L1000	40	65	
C101	34	80	
K300	45	60	
Control PCB	28	120	
Internal wiring	40	175	
Supply terminal	38	100	
Supply cord, separation	27	65	

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Test corner, left frame	18	70
Test corner, rear frame	18	70
Test corner, bottom under 2300 W hob	14	70

11.101	TABLE: Temperature rise limits for accessible surfaces specifications			N/A
test step n°/ function		temperature	duration	

11.101	TABLE: Temperature rise limits for accessible front and side surfaces							N/A
	dT (K)							Max. dT (K)
Front surfaces of oven doors	—							—
Test step n.								—
Ambient (°C)								—
Metal and painted metal								45
Vitreous-enamelled metal								50
Glass and ceramic								60
Plastic having a thickness exceeding 0,3mm								80
Other accessible front and side surfaces (or surfaces above 850 mm)								—
Test step n.								—
Ambient (°C)								—
Metal and painted metal								60
Vitreous-enamelled metal								65
Glass and ceramic								80
Plastic having a thickness exceeding 0,3mm								100

13.2	TABLE: Leakage current		P
	Heating appliances: 1.15 x rated input.....:		—
	Motor-operated and combined appliances: 1.06 x rated voltage.....:	1,06 x 240 V = 254,4 V	—
Leakage current between		I (mA)	Max. allowed I (mA)
Any pole of the supply and accessible metal parts		0,9	3,7
Any pole of the supply and a vessel on the front hob		0,04	0,25
Any pole of the supply and a vessel on the rear hob		0,05	0,25

Any pole of supply and accessible metal parts (XO3700)	2,5	3,7
Between live parts and the vessels (XO3700)	0,02	0,25

13.3	TABLE: Electric strength		P
Test voltage applied between:		Voltage (V)	Breakdown (Yes/No)
Live parts – basic insulation		1000	No
Live parts – vessels on the hobs		3000	No

14	TABLE: Transient overvoltages				N/A
Clearance between:	Cl (mm)	Required Cl (mm)	Rated impulse voltage (V)	Impulse test voltage (V)	Flashover (Yes/No)

16.2	TABLE: Leakage current		P
	Single phase appliances: 1.06 x rated voltage .....:	254,4 V	—
	Three phase appliances 1.06 x rated voltage divided by √3:.....:		—
Leakage current between		I (mA)	Max. allowed I (mA)
Any pole of the supply and accessible metal parts		0,9	3,7
Any pole of the supply and a vessel on the front hob		0,02	0,25
Any pole of the supply and a vessel on the rear hob		0,025	0,25
Any pole of supply and accessible metal parts (XO3700)		2,5	3,7
Between live parts and the vessels (XO3700)		0,02	0,25

16.3	TABLE: Electric strength		P
Test voltage applied between:		Voltage (V)	Breakdown (Yes/No)
Live parts and metallic enclosure		1250	No
Live parts – vessels on the hobs		3000	No

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17	TABLE: Overload protection, temperature rise		N/A
Temperature rise of part/at:		dT (K)	Max. dT (K)

19.7	TABLE: Abnormal operation, locked rotor/moving parts					P
	Test voltage (V) ..... :					—
	Ambient, t_1 (°C) ..... :					—
	Ambient, t_2 (°C) ..... :					—
Temperature of winding		R_1 (Ω)	R_2 (Ω)	dT (K)	T (°C)	Max. T (°C)
See table 19.13.						

19.9	TABLE: Abnormal operation, running overload					N/A
	Test voltage (V) ..... :					—
	Ambient, t_1 (°C) ..... :					—
	Ambient, t_2 (°C) ..... :					—
Temperature of winding		R_1 (Ω)	R_2 (Ω)	dT (K)	T (°C)	Max. T (°C)

19.13	TABLE: Abnormal operation, temperature rises		P
Thermocouple locations		dT (K)	Max. dT (K)
19.2: EO3700			
Supply cord		50	150
Test wall		51	150
Test floor		40	150
19.7: EO3700			
Fan motor		81	125
19.102: EO3700			
Supply cord		54	150
Test wall		62	150
Oil		239	270

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19.3: Ut = √1,24 x 240 V = 267,3 V in accordance with IEC 60335-1 Ed. 5.0: XO3700:		
Windings	168	230
Supply cord	41	150
Wooden frame	25	150
Test corner bottom	11	150
19.101: XO3700:		
Windings	52	230
Supply cord	8	150
Wooden frame	8	150
Test corner bottom	3	150
19.102: XO3700:		
Oil	160	270
Windings	109	230
Supply cord	10	150
Wooden frame	2	150
Test corner bottom	2	150

24.1	TABLE: Components				P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Supply cord	Various	H05V2V2-F	3 * 2.5mm²	HD 21.5 IEC 60227	*)
Screw terminal	Tridonic	KADO 1/3 Z IMP R5	2.5mm² 400V 16A T110	IEC/EN 60998-1	VDE
Alternative screw terminal	Tridonic	KADO 2/5	450V~ 2.5mm² T85	IEC/EN 60998-1	VDE
Rfi capacitor	ISKRA	KNB 2520 MKP	0.022µF 250V~ 40/100/56/B	EN 132400 IEC 60384-14	VDE
2) Electronic Power board	E.G.O	75.08010.600	–	IEC/EN 60335-2-6	Tested in appliance
2) Induction generator for hob (2300W)	E.G.O	75.08010.202	230V 50/60Hz 2300W	IEC/EN 60335-2-6	VDE Tested in appliance
2) Induction generator for hob (1400W)	E.G.O	75.08010.102	230V 50/60Hz 1400W	IEC/EN 60335-2-6	VDE Tested in appliance

Transformer	HARTU	717203-51	230V/12V	IEC/EN 60335-2-6	Tested in appliance
Relay	Schrack	LT33LO12WG	16A 250V~ 12VDC	IEC/EN 60335-2-6	VDE
Capacitor (C400)	VISHAY	F1772	275V~ 0.1µF X2 40/100/56	EN 132400 IEC 60384-14	VDE
Capacitor (C301)	EPCOS	B32924	5.6µF 305V~ X2	EN 132400 IEC 60384-14	VDE
Alt. capacitor (C301)	Arcotronics	R.46 series	5.6µF 275V~ X2	EN 132400 IEC 60384-14	ENEC
Coil (L300)	Magnetec	M-003-06 UD	–	IEC/EN 60335-2-6	Tested in appliance
Touch control board	E.G.O	75.13068.400	T105 12V/100mA 5V/20MA	IEC/EN 60335-2-6	Tested in appliance UL, VDE
XO3700:					
Supply cord	Various	H05V2V2-F	2,5mm^2	HD 21.5 IEC 60227	*)
Supply terminal	Tridonic	KADO 1/3 Z IMP R5	400 V, 16 A, 2,5 □, T110	IEC/EN 60998-1 IEC/EN 60335-2-6	VDE Tested in the appliance
Plugs for supply terminal	COLOMBO	various	Latamid 66 h2px-vo or Nilamid A H2 FR HF2	IEC/EN 60335-2-6	Tested in the appliance
Alternative plugs for supply terminal	INARCA	various	Latamid 66 h2px-vo or Nilamid A H2 FR HF2	IEC/EN 60335-2-6	Tested in the appliance
Internal wiring	BLF	FG4T2/2	300/500 V, 1,5 mm^2, T200	IEC/EN 60335-2-6	Tested in the appliance
Induction generator module	EGO	75.08014.210	220-240 V, 16 A, 50 Hz, T85, SW: 7599745 V 106	IEC/EN 60335-2-6 IEC/EN 60335-2-6	VDE 40030127 Tested in the appliance
Interface control module Lisa	EGO	75.13105.002	T105, 94V-0, SW Cl. B	IEC/EN 60335-2-6	Tested in the appliance

Alternative interface control module Lisa	EGO	75.13105.102	T105, 94V-0, SW Cl. B	IEC/EN 60335-2-6	Tested in the appliance
XO3400:					
Supply cord	Various	H05V2V2-F	2,5mm^2	HD 21.5 IEC 60227	*)
Supply terminal	Tridonic	KADO 1/3 Z IMP R5	400 V, 16 A, 2,5 □, T110	IEC/EN 60998-1 IEC/EN 60335-2-6	VDE Tested in the appliance
Plugs for supply terminal	COLOMBO	various	Latamid 66 h2px-vo or Nilamid A H2 FR HF2	IEC/EN 60335-2-6	Tested in the appliance
Alternative plugs for supply terminal	INARCA	various	Latamid 66 h2px-vo or Nilamid A H2 FR HF2	IEC/EN 60335-2-6	Tested in the appliance
Internal wiring	BLF	FG4T2/2	300/500 V, 1,5 mm^2, T200	IEC/EN 60335-2-6	Tested in the appliance
Induction generator module	EGO	75.08014.110	220-240 V, 16 A, 50 Hz, T85, SW: 7599740 V 106	IEC/EN 60335-2-6 IEC/EN 60335-2-6	VDE 40030127 Tested in the appliance
Interface control module Lisa	EGO	75.13105.002	T105, 94V-0, SW Cl. B	IEC/EN 60335-2-6	Tested in the appliance
Alternative interface control module Lisa	EGO	75.13105.102	T105, 94V-0, SW Cl. B	IEC/EN 60335-2-6	Tested in the appliance
1) An asterisk indicates a mark which assures the agreed level of surveillance 2) See attachment 3.					

28.1	TABLE: Threaded part torque test		P
Threaded part identification	Diameter of thread (mm)	Column number (I, II, or III)	Applied torque (Nm)
Screws for mechanical connections and earthing connections	3.5	II	0.8

Screws for mechanical connections and earthing connections	2.9	II	0.5
Terminal screws	3,9	II	1,2

29.1	TABLE: Clearances		P
	Overvoltage category... :	II	—

		Type of insulation:				
Rated impulse voltage (V):	Min. cl (mm)	Basic	Functional	Supplementary	Reinforced	Verdict / Remark
330	0,5*					
500	0,5*					
800	0,5*					
1 500	0,5*/**					
2 500	1,5**	3,0	3,0	–		P
4 000	3,0**				3,5	P
6 000	5,5**					
8 000	8,0**					
10 000	11,0**					

*) The value is increased to 0,8mm for pollution degree 3
*) If the construction is affected by wear, distortion, movement of the parts or during assembly, the value is increased by 0,5 mm

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			
		Material group			Material group						
		I	II	IIIa/IIIb	I	II	IIIa/IIIb	B*)	S*)	R*)	Verdict
≤50	0,2	0,6	0,9	1,2	1,5	1,7	1,9		—	—	
≤50	0,2	0,6	0,9	1,2	1,5	1,7	1,9	—		—	
≤50	0,4	1,2	1,8	2,4	3,0	3,4	3,8	—	—		
>50 and ≤125	0,3	0,8	1,1	1,5	1,9	2,1	2,4		—	—	
>50 and ≤125	0,3	0,8	1,1	1,5	1,9	2,1	2,4	—		—	

>50 and ≤125	0,6	1,6	2,2	3,0	3,8	4,2	4,8	—	—		
>125 and ≤250	0,6	1,3	1,8	2,5	3,2	3,6	**4,0**	5,0	—	—	P
>125 and ≤250	0,6	1,3	1,8	2,5	3,2	3,6	**4,0**	—	–	—	–
>125 and ≤250	1,2	2,6	3,6	5,0	6,4	7,2	**8,0**	—	—	>15	P
>250 and ≤400	1,0	2,0	2,8	4,0	5,0	5,6	6,3		—	—	
>250 and ≤400	1,0	2,0	2,8	4,0	5,0	5,6	6,3	—		—	
>250 and ≤400	2,0	4,0	5,6	8,0	10,0	11,2	12,6	—	—		
>400 and ≤500	1,3	2,5	3,6	5,0	6,3	7,1	8,0		—	—	
>400 and ≤500	1,3	2,5	3,6	5,0	6,3	7,1	8,0	—		—	
>400 and ≤500	2,6	5,0	7,2	10,0	12,6	14,2	16,0	—	—		
>500 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0		—	—	
>500 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	—		—	
>500 and ≤800	3,6	6,4	9,0	12,6	16,0	18,0	20,0	—	—		
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5		—	—	
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	—		—	
>800 and ≤1000	4,8	8,0	11,2	16,0	20,0	22,0	25,0	—	—		
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0		—	—	
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	—		—	
>1000 and ≤1250	6,4	10,0	14,2	20,0	25,0	28,0	32,0	—	—		
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0		—	—	
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	—		—	
>1250 and ≤1600	8,4	12,6	18,0	25,0	32,0	36,0	40,0	—	—		
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0		—	—	
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	—		—	
>1600 and ≤2000	11,2	16,0	22,0	32,0	40,0	44,0	50,0	—	—		
>2000 and ≤2500	7,5	10,0	14,0	20,0	25, 0	28,0	32,0		—	—	
>2000 and ≤2500	7,5	10,0	14,0	20,0	25, 0	28,0	32,0	—		—	
>2000 and ≤2500	15,0	20,0	28,0	40,0	50,0	56,0	64,0	—	—		
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0		—	—	
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	—		—	
>2500 and ≤3200	20,0	25,0	36,0	50,0	64,0	72,0	80,0	—	—		
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0		—	—	

>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	—		—	
>3200 and ≤4000	25,0	32,0	44,0	64,0	80,0	90,0	100,0	—	—		
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0		—	—	
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	—		—	
>4000 and ≤5000	32,0	40,0	56,0	80,0	100,0	112,0	126,0	—	—		
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0		—	—	
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	—		—	
>5000 and ≤6300	40,0	50,0	72,0	100,0	126,0	142,0	160,0	—	—		
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0		—	—	
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	—		—	
>6300 and ≤8000	50,0	64,0	90,0	126,0	160,0	180,0	200,0	—	—		
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0		—	—	
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	—		—	
>8000 and ≤10000	64,0	80,0	112,0	160,0	200,0	220,0	250,0	—	—		
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0		—	—	
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	—		—	
>10000 and ≤12500	80,0	100,0	142,0	200,0	250,0	280,0	320,0	—	—		
*), B=Basic, S=Supplementary and R=Reinforced											

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
≤50	0,2	0,6	0,8	1,1	1,4	1,6	1,8	
>50 and ≤125	0,3	0,7	1,0	1,4	1,8	2,0	2,2	
>125 and ≤250	0,4	1,0	1,4	2,0	2,5	2,8	**3,2**	4,0 / P
>250 and ≤400	0,8	1,6	2,2	3,2	4,0	4,5	5,0	
>400 and ≤500	1,0	2,0	2,8	4,0	5,0	5,6	6,3	
>500 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	

>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	

IEC 60335-2-6

TABLE 30 RESISTANCE TO HEAT, FIRE AND TRACKING (appended table)														P
Component	Manufacturer	Type	Ball pressure test				Tracking test [CTI/ PTI]	Glow wire test					Needle-flame test	Verdict
			75°C	cl. 11 +40°C	125°C	cl. 19 +25°C		GWT 550°C	GWT 650°C	GWT 750°C	GWFI 850°C	GWIT		
Plastic cover terminal			0,8 mm / P					P						P
Terminal on induction generator					0,9 mm / P					P	P			P
Plastic material induction generator			0,8 mm / P					P						P
PCB contact					1,0 mm / P					P	P			P
Motor cover			0,8 mm / P					P						P
Plugs										P	P			P

Report No. 226187

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict

ATTACHMENT TO TEST REPORT IEC 60335-2-6
EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES
(Household and similar electrical appliances – Safety –
PART 2: PARTICULAR REQUIREMENTS FOR STATIONARY COOKING RANGES, HOBS, OVENS AND SIMILAR APPLIANCES)

Differences according to.....:	EN 60335-2-6 2003 + A1:2003 + A2: 2008 + A11: 2010 **+A12:2012** used in conjunction with EN 60335-1:2002 + A11:2004 + A1:2004 + A12:2006 + A2:2006 + A13:2008 **+A14:2010 +A15:2011** and EN 62233 :2008
Attachment Form No.....:	EU_GD_IEC60335_2_6G_II
Attachment Originator .....:	LCIE
Master Attachment .....:	Date 2010-11

Note: The original attachment template without A12:2012 of EN 60335-2-6:2003 and A14:2010, A15:2011 of EN60335-1:2002. The requirements of these 3 amendments were added as appendixs at the end of this attachment.

EN 62233			
Clause	Requirement + Test	Result - Remark	Verdict
EMF- ELECTROMAGNETICS FIELDS			
	The Tested product also complies to the requirements of EN 62233 :2008		
	Limit ……100%	Measured max. :… 13,5%	P

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	CENELEC COMMON MODIFICATIONS (EN)		
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		P
	When the provisions of footnote a to Table 102 apply, the appliance shall be marked with: (EN 60335-2-6)		N/A
	– the substance of “CAUTION: Hot surface”, or		N/A
	– symbol IEC 60417-5041		N/A
	The warning label shall be put on the door of pyrolitic ovens and shall be visible during operation (EN 60335-2-6)		N/A
7.6	symbol IEC 60417-5041Caution, hot surface		N/A
7.10	Devices used to stop operational functions of the appliance, if any, shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc. A tactile or an audible and visual feedback shall give an indication that the device has been operated. (EN 60335-2-6)	Visual + audible feedback	P
7.12	Instructions for use shall be provided with the appliance so that the appliance can be used safely (EN 60335-2-6)		P
	It is necessary to take precautions during user maintenance, appropriate details shall be given		P
	The instructions shall include the substance of the following: (EN 60335-2-6) WARNING: The appliance and its accessible parts become hot during use. Care should be taken to avoid touching heating elements. Children less than 8 years of age shall be kept away unless continuously supervised.		P
	This appliance can be used by children aged from 8 years and above and 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. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision (EN 60335-2-6)		P

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	The instructions for hobs and ranges shall include the substance of the following: (EN 60335-2-6) WARNING: Unattended cooking on a hob with fat or oil can be dangerous and may result in fire. NEVER try to extinguish a fire with water, but switch off the appliance and then cover flame e.g. with a lid or a fire blanket. WARNING: Danger of fire: do not store items on the cooking surfaces		P
	If the hob surface is of glass-ceramic or similar material and protects live parts, the instructions shall include the substance of the following: WARNING: If the surface is cracked, switch off the appliance to avoid the possibility of electric shock. (EN 60335-2-6)		P
	The instructions for cooking ranges and ovens shall include the substance of the following: During use the appliance becomes hot. Care should be taken to avoid touching heating elements inside the oven.(EN 60335-2-6)		N/A
	The instructions for ovens shall include the substance of the following: (EN 60335-2-6) WARNING: Accessible parts may become hot during use. Young children should be kept away.		N/A
	The instructions for ovens having doors with glass panels shall include the substance of the following:(EN 60335-2-6) Do not use harsh abrasive cleaners or sharp metal scrapers to clean the oven door glass since they can scratch the surface, which may result in shattering of the glass.		N/A
	If during the test of Clause 11, the temperature rise at the centre of the internal bottom surface of a storage drawer exceeds that specified for handles held for short periods in normal use, the instructions shall state that these surfaces can get hot. (EN 60335-2-6)		N/A
	The instructions for pyrolytic self-cleaning ovens shall state that excess spillage must be removed before cleaning and shall specify which utensils can be left in the oven during cleaning. (EN 60335-2-6)		N/A
	If, for cleaning, the manufacturer instructs the user to set the controls to a position higher than for normal cooking purposes, the instructions shall state that under such conditions the surfaces may get hotter than usual and children should be kept away.(EN 60335-2-6)		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	The instructions for ovens incorporating a fan with a guard that can be removed for cleaning shall state that the oven must be switched off before removing the guard and that, after cleaning, the guard must be replaced in accordance with the instructions(EN 60335-2-6)		N/A
	The instructions for ovens provided with a facility to use a temperature-sensing probe shall include the substance of the following: (EN 60335-2-6) Only use the temperature probe recommended for this oven.		N/A
	The instructions for ovens that have shelves shall include details indicating the correct installation of the shelves.(EN 60335-2-6)		N/A
	The instructions for cooking ranges, hobs and ovens shall state that a steam cleaner is not to be used.(EN 60335-2-6)		P
	The instructions for induction hobs shall include the substance of the following: (EN 60335-2-6) Metallic objects such as knives, forks, spoons and lids should not be placed on the hob surface since they can get hot.		P
	The instructions for hobs incorporating a lid shall state that any spillage should be removed from the lid before opening. They shall also state that the hob surface should be allowed to cool before closing the lid.(EN 60335-2-6)		N/A
	The instructions for hobs incorporating halogen lamps shall warn the user not to stare at the hob elements.		N/A
	The instructions for hobs incorporating a pan detector shall include the substance of the following:(EN 60335-2-6) After use, switch off the hob element by its control and do not rely on the pan detector.		N/A
	If the appliance incorporates a lamp for illumination, and does not incorporate a switch providing full disconnection under overvoltage category III conditions, the instructions shall include the substance of the following: WARNING: Ensure that the appliance is switched off before replacing the lamp to avoid the possibility of electric shock.(EN 60335-2-6)		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	The instructions for hobs shall state that the appliance is not intended to be operated by means of an external timer or separate remote-control system.(EN 60335-2-6)		P
	The instructions for hobs incorporating an induction wok element shall contain a list of vessels that can be used, unless the manufacturer provides a work with the appliance. (EN 60335-2-6)		N/A
7.12.Z101	*Add the following new subclause before 7.12.1:* The specific instructions related to the safe operation of this appliance (as given in 7.12 of this standard) shall be collated together in the front section of the user instructions. The height of the characters, measured on the capital letters, shall be at least 4 mm.(EN 60335-2-6)	Corrigendum to EN 60335-2-6:2003/A11:2010, June 2012, had changed “4 mm” to “at least 3 mm”.	P
	These instructions shall also be available in an alternative format, e.g. on a website.		P
7.14	The height of the triangle used with symbol IEC 60417-5041 shall be at least 12 mm. (EN 60335-2-6)		N/A
8.1.1	Use of test probe B and probe 18 of IEC 61032: no contact with live parts (EN 60335-2-6)		P
11.101	Temperature rise of surfaces not exceed the values specified in Table 102(EN 60335-2-6)	See appended table	N/A
20.2	Appliances are fully assembled as in normal operation without any parts removed. (EN 60335-2-6)		N/A
20.Z101	Horizontally hinged oven doors of floor standing cooking ranges, when fully opened, shall not cause a hazard.(EN 60335-2-6)		N/A
22.12	Handles, knobs etc. fixed in a reliable manner so that they will not work loose in normal use if loosening could result in a hazard (including an ingestion or a choking hazard for vulnerable people”.(EN 60335-2-6)	Whole piece glass top, touch control	N/A
22.122	Ovens with shelves that can be withdrawn shall be fitted with rest or stop positions(EN 60335-2-6)		N/A
	This requirement does not apply to shelves that are designed to contain liquids, such as roasting trays and the like.(EN 60335-2-6)		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standards for the telecommunication interface circuitry in the appliance are EN 41003 and EN 60950-1:2006, Subclause 6.3		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 60083:1975:		-
	- for Class I appliances: standard sheet C2b, C3b or C4 ..... :		N/A
	- for Class II appliances: standard sheet C5 or C6 . :		N/A
25.7	Additional type of supply cord:		-
	- ordinary polychloroprene sheathed flexible cord (60245 IEC 57)		N/A
25.7	Supply cords having high flexibility, not lighter than:		N/A
	- rubber insulated and sheathed cord (60245 IEC 86)		N/A
	- rubber insulated, crosslinked PVC sheathed cord (60245 IEC 87)		N/A
	- crosslinked PVC insulated and sheathed cord (60245 IEC 88)		N/A
29.3	The third dashed item replaced by: - an assessment of the thermal quality of the material combined with an electric strength test, in accordance with 29.3.3, and, for accessible reinforced insulation consisting of a single layer, measurement in accordance with 29.3.Z1		N/A
29.3.Z1	For accessible reinforced insulation consisting of a single layer, the thickness of the layer complies with table Z1; rated voltage (V); overvoltage category; thickness (mm) ..... :		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
Annex ZA	**ANNEX ZA (NORMATIVE)** **SPECIAL NATIONAL CONDITIONS**		
	Austria		
25.6	Plugs according to standard sheet C3b not allowed		N/A
	Belgium		
25.6	Plugs according to standard sheet C2b not allowed		N/A
	Denmark		
12	Requirements regarding marking tag of power supply cord and connection of earthing wire for class I appliances delivered without a plug	To be checked before marketing in this country	-
25.6	Supply cords of single-phase portable appliances having a rated current not exceeding 13 A provided with a plug according to the following:		N/A
	Class I appliances: Section 107-2-D1, ed.3 1998, Standard Sheet DK 2-1a		N/A
	For appliances covered by a Part 2 of EN 60335, also plugs in accordance with Section 107-2-D1, ed. 3, 1998, Standard Sheet C2b, C3b or C4 are allowed		N/A
	Class II appliances: Section 107-2-D1, ed.3 1998, Standard Sheet C1b, C5, C6, DKA 2-1a and DKA 2-1b		N/A
	Stationary single-phase appliances, having a rated current not exceeding 13 A, and provided with a supply cord and a plug, the plug is in accordance with the requirements above		N/A
	Multi-phase appliances and single-phase appliances having a rated current exceeding 13 A, and provided with a supply cord and a plug, the plug is in accordance with the requirements below:		N/A
	Class I appliances: Section 107-2-D1, Standard Sheet DK 6-1a / EN 60309-2, Standard Sheet 2-II, 2-IV		N/A
	Class II appliances: Section 107-2-D1, Standard Sheet DK 6-1a / EN 60309-2, Standard Sheet 2-II, 2-IV, the earthing contact not being connected		N/A
	The current for the plug not exceeding the values specified; standard sheet (no.); current (A) ..... :		N/A
	Finland		

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
25.6	Plugs according to standard sheet C3b not allowed		N/A
France			
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		P
25.6	Plugs according to standard sheet C2b not allowed		N/A
Germany			
25.6	Plugs according to standard sheet C3b not allowed		N/A
29.3	Third dashed item not applicable for appliances where the insulation is accessible. Additional measures, such as a multi-layered insulation or adequate thickness, taken.		N/A
Iceland			
25.6	Plugs according to standard sheet C3b not allowed		N/A
Ireland			
25.6	Plugs according to standard sheet C3b not allowed		N/A
25.6	Only plugs according to Standard Sheets B2 and C5 allowed		N/A
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances.	To be checked before marketing in this country	-
25.8	Replacement of figures (rated current/cross-sectional area) in the table		N/A
Italy			
7.1	The voltage is 220 V/380 V		P
25.6	Plugs according to standard sheet C3b not allowed		N/A
25.6	Only plugs listed in CENELEC Report R0BT-005:2001 allowed		N/A
Luxembourg			
25.6	Plugs according to standard sheet C3b not allowed		N/A
Netherlands			
25.6	Plugs according to standard sheet C3b not allowed		N/A
Norway			

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		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
25.6	Plugs according to standard sheet C3b not allowed		N/A
Portugal			
25.6	Plugs according to standard sheet C3b not allowed		N/A
Spain			
25.6	Plugs according to standard sheet C2b not allowed		N/A
25.6	Plugs according to standard sheet C3b not allowed		N/A
25.6	For appliances for household use, only the following plugs are allowed:		N/A
	according to UNE 20315: ESC 10-1b, C2b, C4, C6 or ESB 25-5b		N/A
	according to UNE-EN 50075		N/A
Sweden			
25.6	Plugs according to standard sheet C3b not allowed		N/A
Switzerland			
4	Information about batteries with carbon-zinc and alkali-manganese		N/A
25.6	Plugs according to standard sheet C3b not allowed		N/A
25.6	Supply cords of portable household and similar electrical appliances having a rated current not exceeding 10 A, provided with a plug complying with SEV 1011 or IEC 60884-1 and one of the following dimension sheets:		N/A
	SEV 6532-2.1991, plug type 15, 3P+N+PE, 250/400 V, 10 A		N/A
	SEV 6533-2.1991, plug type 11, L+N, 250 V, 10 A		N/A
	SEV 6534-2.1991 plug type 12, L+N+PE, 250 V, 10 A		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
United Kingdom			
25.6	Plugs according to standard sheet C2b not allowed		N/A
25.6	Plugs according to standard sheet C3b not allowed		N/A
25.6	Only plugs according to Standard Sheets B2 and C5 allowed		N/A
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and allow only plugs to BS 1363 to be fitted to domestic appliances. It also allows plugs to BS 4573 and standard sheet C5 to be fitted to shavers and toothbrushes.	To be checked before marketing in this country	-
25.8	Replacement of figures (rated current/cross-sectional area) in the table		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict

11.101	TABLE: Temperature rise limits for surfaces	
	Ambient (°C):	
	Test voltage (V):	

Surface	Surfaces of appliances situated not more than 850 mm above the floor after installation				Surfaces situated more than 850 mm above the floor after installation	
	Front surfaces of oven door		Other parts			
	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)	dT (K)	Max. dT (K)
Bare metal		40		45		45
Coated metal		45		55		55
Glass and ceramic		55		60		60
Plastic and plastic coating > 0,3 mm		60		65		65

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict

APPENDIX: EN 60335-1:2002 / A14:2010			
19	Abnormal operation		—
19.14	Appliances are operated under the conditions of clause 11. Any contactor or relay contact that operates under the conditions of clause 11 is short-circuited		P
	If a relay or contactor with more than one contact is used, all contacts are short-circuited at the same time		N/A

24	Components		—
24.1	Components comply with safety requirements in relevant standards		P
	List of components	(see appended table)	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 of this standard		P
	Components not tested and found to comply with relevant standard for the number of cycles specified are tested in accordance with 24.1.1 to 24.1.9		P
	Components not tested and found to comply with relevant standard, components not marked or not used in accordance with its marking, tested under the conditions occurring in the appliance		P
	Lampholders and starterholders not being tested and found to comply with the relevant standard, tested as a part of the appliance and additionally according to the gauging and interchangeability requirements of the relevant standard		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
	Where the relevant standard for lampholders and starterholders specifies gauging and interchangeability requirements at elevated temperatures, the temperatures measured during clause 11 are used.		N/A
25	Supply connection and external flexible cords		—
25.7	Their properties shall be at least those of ordinary tough rubber sheathed cords (code designation 60245 IEC 53).		N/A
	These cords are not suitable for appliances intended to be used outdoor or when they are liable to be exposed to significant amounts of ultraviolet radiation.		N/A
26	Terminals for external conductors		—
26.2	Conductors connected by soldering are not considered to be positioned or fixed so that reliance is not placed upon the soldering alone to maintain it in position unless they are held in place near the terminals independently of the solder.		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 it in position unless they are held in place near the terminals independently of the solder.		N/A
29	Clearances, creepage distances and solid insulation		—
29.2	In a double insulation system, the working voltage for both the basic insulation and supplementary insulation is taken as the working voltage across the complete double insulation system. It is not divided according to thickness and dielectric constant of the basic insulation and supplementary insulation.		P
32	Radiation, toxicity and similar hazards		—
	Compliance regarding electromagnetic fields is checked according to EN 50366 or EN62233.		P

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict
Annex ZC	ANNEX ZC (NORMATIVE) NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS		—
	A list of referenced documents in this standard		P
Annex ZE	ANNEX ZE (INFORMATIVE) SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE		—
	Additional requirements regarding commercial use		N/A
Annex ZF	ANNEX ZF (INFORMATIVE) CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD		—
	A list of standards under CENELEC/TC61 with their allocation under LVD or MD	LVD	P
Annex ZZ	ANNEX ZZ (INFORMATIVE) COVERAGE OF ESSENTIAL REQUIREMENTS OF EC DIRECTIVES		—
APPENDIX: EN 60335-1:2002 / A15:2011			
25	Supply connection and external flexible cords		—
25.7	Supply cords for other than class III appliances:		-
	- Halogen-free thermoplastic compound sheathed their properties shall be at least those of: - halogen-free thermoplastic compound sheathed cords (H03Z1Z1H2-F, H03Z1Z1-F), for mass not exceeding 3kg - halogen-free thermoplastic compound sheathed cords (H05Z1Z1H2-F, H05Z1Z1-F), for others		N/A
	- Cross-linked halogen-free compound sheathed their properties shall be at least those of - cross-linked halogen-free compound sheathed cords (H07ZZ-F)		N/A

IEC60335_2_6G - ATTACHMENT			
Clause	Requirement + Test	Result - Remark	Verdict

APPENDIX: EN 60335-2-6:2003 / A12:2012			
19	Abnormal operation		—
19.102	Add the following:		-
	If the thermal control is a microprocessor controlled system using an NTC sensor, an additional test is carried out with the NTC replaced by a resistor with a value equal to the middle of the range of operation of the NTC in this circuit.		N/A
20	Mechanical strength		—
20.101	Add the following:		-
	The stability test has to be carried out with the oven placed in its intended position following manufacturer's instructions.		N/A
21	Mechanical strength		—
21.1	Replace Note 101 with the following:		-
	NOTE 101 Hobs having a complete surface in one piece are tested according to 21.102 and Part 1.		P
21.101	Replace the compliance criteria with following:		-
	Compliance is checked measuring the inclination of the shelf fully inserted inside the oven and without a mass, and then measuring the inclination of the shelf placed in its rest position and the defined mass applied to the shelf. The inclination difference shall not exceed 6°.		N/A
29	Clearances, creepage distances and solid insulation		—
29.2	Replace the addition with the following:		-
	1) The macroenvironment in a domestic kitchen is pollution degree 2.		P
	2) The microenvironment inside the appliance with respect to the positioning of the insulation may be pollution degree 2 or 3 depending on the design and the pollution produced by operation of the appliance itself.	Pollution degree 2	P

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ATTACHMENT – COMPONENT LIST
for Induction modules, electronic power boards and interface control modules

Component list for induction modules 75.08010.202, 75.08010.102, and electronic power board 75.08010.600:

24.1	Table components				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Fan motor	Nidec Corporation	D05F-12BH	DC12V Bp.: 125°C Gw.: 550°C	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Capacitor X2	Epcos	B32924 series	4,7 µF AC 305V	IEC 60384-14	VDE
Capacitor X2	Arcotronics	R.46 series	4,7 µF AC 275V	IEC 60384-14	ENEC
Capacitor X2	Epcos	B32924 series	5,6 µF AC 305V	IEC 60384-14	VDE
Capacitor X2	Arcotronics	R.46 series	5,6 µF AC 275V	IEC 60384-14	ENEC
Capacitor Y	Arcotronics	R.41 series	22 nF AC 250V	IEC 60384-14	VDE

24.1	Table components				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Knob Control	E.G.O.	75.04004.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Coding switch	E.G.O.	44.02020.xxx	5V / 100mA 12V / 10mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance

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ATTACHMENT – COMPONENT LIST
for Induction modules, electronic power boards and interface control modules

24.1	Table components				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Capacitor Y	Iskra	KNB2520 series	22 nF AC 250 V	IEC 60384-14	VDE
Capacitor X	Vishay	1772 series	0,1 µF AC 250V	IEC 60384-14	VDE
Capacitor Y	Vishay	WYO series	220 pF - 3,3 nF AC 250V	IEC 60384-14	VDE
Capacitor	Arcotronics	R.75 series	4,7µF 400 VDC	IEC 60384-16	Tested in appliance
Capacitor	Epcos	B32676-S6475-K501	4,7µF 400 VDC	IEC 60384-16	Tested in appliance
Capacitor	Arcotronics	R.75 series	0,27 µF 1250 VDC	IEC 60384-16	Tested in appliance
Capacitor	Epcos	B32656-S7274-J508	0,27 µF 1250 VDC	IEC 60384-16	Tested in appliance
Capacitor	Arcotronics	R.73 Series	0,27 µF 1000 VDC	IEC 60384-16	Tested in appliance
Capacitor	Samwha	BL2G 106 M	10 µF 350V	IEC 60384-16	Tested in appliance
Capacitor	Samwha	BL2V 226 M12	22 µF 350V	IEC 60384-16	Tested in appliance
Relay	Tyco Schrack	RT33L012WG	AC 250V 16A	IEC/EN60335-1 IEC/EN60335-2-6	VDE and Tested in appliance
Varistor	Keko Varicon	SV275K20	AC 275V	IEC/EN60335-1 IEC/EN60335-2-6	UL and Tested in appliance
Varistor	Epcos	SIOV-S10K385	AC 385V	IEC/EN60335-1 IEC/EN60335-2-6	VDE
Varistor	Keko Varicon	CV385K10	AC 385V	IEC/EN60335-1 IEC/EN60335-2-6	VDE
Voltage Regulator IC	Infineon	ICE3B0365	230V 12V 5W	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Voltage Regulator IC	Power Integrations	Tny 266	230V/16V/ 5W	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
IGBT Transistor	Infineon	IHW30N120R	30A 1200V	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Bridge Rectifier	Lite-On	GBJ1010	10A, 700VAC	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Bridge Rectifier	Lite-On	GBJ2510	25A, 700VAC	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Bridge Rectifier	Lite-On	GBJ2508	25A, 560VAC	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Optocoupler	Lite-On	LTV817	35V 50mA	IEC/EN60335-1 IEC/EN60335-2-6	VDE
Bridge Rectifier	MIC	GBJ2508	25A, 560VAC	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Metall Oxyde Resistor	Koa	MOS 2	2W 5% 39 Ohm	IEC/EN60335-1 IEC/EN60335-2-6	VDE
Transformer	Götz Udo Hartmann	M159-05A EGO 909.602	EF16, 230V 12V 6,8VA	IEC/EN60335-1 IEC/EN60335-2-6	VDE pending
Transformer	Götz Udo Hartmann	M067-05A EGO 909.601	EF20, 230V 12V 10,6VA	IEC/EN60335-1 IEC/EN60335-2-6	VDE pending
Transformer	Li Tone	EGO 909.603	EF16 230V 16V 5VA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Toroidal coil	Li Tone	EGO 909.097	10A 250µH	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance

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24.1	Table components				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Toroidal coil current-compensated	Magnetec GmbH	MB007	2x6mH 16A 250VAC	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Toroidal coil current-compensated	VAC GmbH	T60405-R6166-X067	2x6mH 16A 250VAC	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Toroidal coil current-compensated	Magnetec GmbH	MB192	4x3,5mH 16A 250VAC	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
D-Core Choke	Epcos	B82791	2x27mH 0,3A 250VAC	EN 60398-2	VDE
Induction coil	E.G.O. Shanghai, Hanover Enterprises	75.471.007 75.471.031	Diameter 160mm	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Induction coil	E.G.O. Shanghai, Hanover Enterprises	75.471.008 75.471.036	Diameter 200mm	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Induction coil	E.G.O. Shanghai, Hanover Enterprises	75.471.058	Diameter 250mm	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Receptacle F6,3	Stocko	RSB 8240.1158	F6,3 16A 300°C	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Tab F6,3	Stocko	RMB 6006	F6,3 16A 300°C	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
PCB	CML	980.116	FR4 2*35µm Cu	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
PCB	CML,ACP	980.142	CEM1 1*70µm Cu	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
PCB	CML,ACP	980.207	CEM1 1*70µm Cu	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
PCB	CML	980.143	CEM1 1*70µm Cu	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Induction coil clamp	Metalluk, Rau	967.134	M6 600V 40A	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13037.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13057.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13059.1xx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13060.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13067.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13068.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13069.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13070.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13075.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Touch Control	E.G.O.	75.13096.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance
Knob Control	E.G.O.	75.04003.xxx	12V / 100mA 5V/ 20mA	IEC/EN60335-1 IEC/EN60335-2-6	Tested in appliance

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ATTACHMENT – COMPONENT LIST
for Induction modules, electronic power boards and interface control modules

Component list for induction modules 75.08014.210 and 75.08014.110:

24.1	TABLE: Components				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
C					
Capacitor X2 (e.g. C101)	Epcos	B32924 series	4,7 – 5,6 µF AC 305V	IEC 60384-14	VDE 40021331
Capacitor X2 (e.g. C101)	Arcotronics	R.46 series	4,7 – 5,6 µF AC 275V	IEC 60384-14	ENEC-03 V4413
Capacitor X2 (e.g. C101)	CGE	475040021110G	4,7 µF AC 275V	IEC 60384-14	VDE 40008922
Capacitor Y (e.g. C102)	Arcotronics	R.41 series	22 nF AC 250V	IEC 60384-14	ENEC-03 V4160
Capacitor Y (e.g. C102)	Iskra	KNB2520 series	22 nF AC 250 V	IEC 60384-14	VDE 133722
Capacitor Y (e.g. C206)	Vishay	WYO series	220 pF - 3,3 nF AC 250V	IEC 60384-14	VDE 133769
Capacitor (e.g. C1000)	Arcotronics	R.75 series	4,7µF 400 VDC	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C1000)	Epcos	B32676-S6475-K501	4,7µF 400 VDC	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C1103)	Epcos	B32656-S7274	0,16 – 0,27 µF 1250 VDC	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C1103)	Arcotronics	R.73 Series	0,16 – 0,27 µF 1000 VDC	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C1103)	CGE	2741000211 G	0,27 µF 1000 VDC	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C1103)	CGE	1641000211 G	0,16 µF 1250 VDC	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C201)	Samwha	BL2G 106 M	10 µF 400V	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C201)	RUBYCON	350BXA221	22 µF 350V	IEC 60336-2-6	Tested in appliance
Capacitor (e.g. C201)	Samwha	BL2V 226 M12	22 µF 350V	IEC 60336-2-6	Tested in appliance
L					
Fan motor	Nidec	G76B12BS1AZ	DC12V	IEC 60336-2-6	Tested in appliance
Fan motor	Nidec Servo	MBDC12H4	DC12V	IEC 60336-2-6	Tested in appliance
Transformer (e.g. TR200)	Li Tone	EGO 909.291	EF20, 230V, cl. F 12V+12V 8VA basic insulation	IEC 60336-2-6	Tested in appliance
Transformer (e.g. TR200)	Li Tone	EGO 909.292	EF20, 230V, cl. F 12V 6VA	IEC 60336-2-6	Tested in appliance
Transformer (e.g. TR200)	GSP	EGO 909.293	EF20, 230V, cl. F 12V 6VA	IEC 60336-2-6	Tested in appliance
Toroidal coil (e.g. L1000)	Li Tone	EGO 909.118	13A 450µH	IEC 60336-2-6	Tested in appliance
Toroidal coil (e.g. L1000)	Li Tone	EGO 909.097	10A 250µH	IEC 60336-2-6	Tested in appliance
Toroidal coil (e.g. L100)	Magnetec GmbH	MB332	2x8,6mH 16A 250VAC	IEC 60336-2-6	Tested in appliance
Toroidal coil (e.g. L100)	VAC GmbH	T60405-R6122-X100	2x8,6mH 16A 250VAC	IEC 60336-2-6	Tested in appliance
R					
Wirewound Resistor (e.g. R200)	Vitrohm	RX	3W 5% 39 Ohm	IEC 60336-2-6	Tested in appliance

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ATTACHMENT – COMPONENT LIST
for Induction modules, electronic power boards and interface control modules

24.1	TABLE: Components				
Object / part No.	**Manufacturer/ trademark**	**Type / model**	**Technical data**	**Standard**	**Mark(s) of conformity**
Metall Oxyde Resistor (e.g. R804)	Koa	MOS 2	2W 5% 39 Ohm	IEC 60336-2-6	Tested in appliance
Varistor (e.g. R1061)	Keko Varicon	SV275K20	AC 275V	UL1449 IEC 60335-2-6	UL E221545 Tested in appliance
Varistor (e.g. R103)	Epcos	SIOV-S10K385	AC 385V	IEC 42200	VDE 128955
Varistor (e.g. R103)	Keko Varicon	CV385K10	AC 385V	UL1449 IEC 60335-2-6	UL E221545 Tested in appliance
Relays					
Relay (e.g. K300)	Hongfa	HF115F-I012-1HS3A	AC 250V 16A	IEC 61810-1	VDE 116934
Relay (e.g. K300)	Tyco Schrack	RT33L012WG	AC 250V 16A	IEC 61810-1	VDE 40007571
Semiconductor					
Voltage Regulator IC (e.g. IC200)	ST	Viper 27	230V 12V 8W	IEC 60336-2-6	Tested in appliance
IGBT Transistor (e.g. T1100)	Infineon	IHW30N120R	30A 1200V	IEC 60336-2-6	Tested in appliance
IGBT Transistor (e.g. T1100)	Infineon	IHW30N160R	30A 1600V	IEC 60336-2-6	Tested in appliance
Bridge Rectifier (e.g. BR1000)	Lite-On	GBJ2510	25A, 700VAC	IEC 60336-2-6	Tested in appliance
Bridge Rectifier (e.g. BR1000)	Lite-On	GBJ2508	25A, 560VAC	IEC 60336-2-6	Tested in appliance
Bridge Rectifier (e.g. BR 1000)	MIC	GBJ2508	25A, 560VAC	IEC 60336-2-6	Tested in appliance
Optocoupler (e.g. IC 203)	Lite-On	LTV817	35V 50mA	IEC 60336-2-6	Tested in appliance
Controller (e.g. IC 600)	ATMEL	XMEGA32A4	Tu 105	IEC 60336-2-6	Tested in appliance
Terminals					
Tab F6,3 (e.g. X1)	Stocko	RMB 6006	F6,3 16A 300°C	IEC 60336-2-6	Tested in appliance
Tab F6,3 (e.g. X1)	Stocko	RMB 6201	F6,3 16A 300°C	IEC 60336-2-6	Tested in appliance
Induction coil clamp (e.g. X9)	Metalluk, Rau	967.134	M6 600V 40A	IEC 60336-2-6	Tested in appliance
Connector / Fan	JST	XA-Series		IEC 60336-2-6	Tested in appliance
Induction coils					
Induction coil	E.G.O. Shanghai, Hanover Enterprises	75.471.095	Diameter 160mm class 200	IEC 60336-2-6	Tested in appliance
Induction coil	E.G.O. Shanghai, Hanover Enterprises	75.471.096	Diameter 200mm class 200	IEC 60336-2-6	Tested in appliance
PCBs					
PCB	see suppl. sheet 2	980.367	FR4 2*35µm Cu	IEC 60335-2-6	Tested in appliance
Housing					

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ATTACHMENT – COMPONENT LIST
for Induction modules, electronic power boards and interface control modules

24.1	TABLE: Components				
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity
Housing	LKH	968.384	PA 66 MW30 FR4	IEC 60335-2-6	Tested in appliance
Housing	LKH	968.414	PA 66 MW30 FR	IEC 60335-2-6	Tested in appliance

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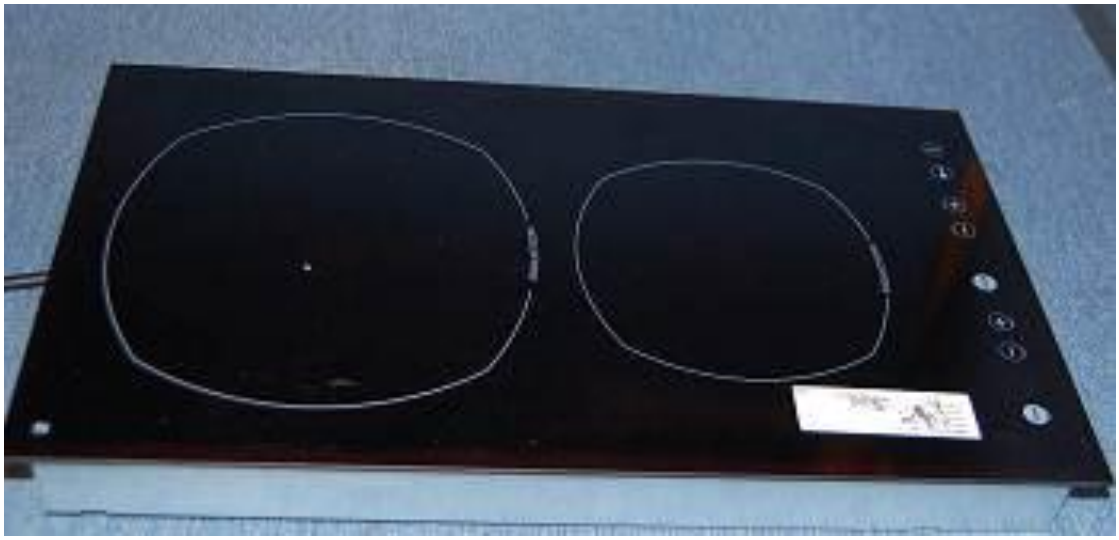
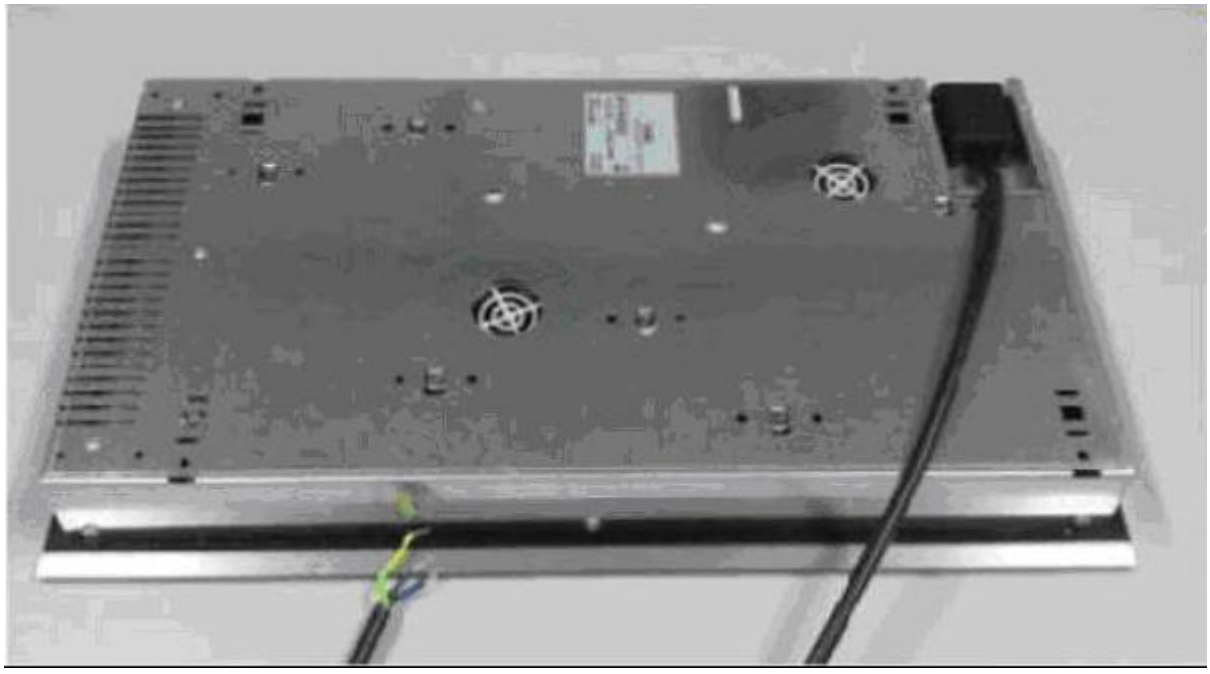
ATTACHMENT - PHOTOGRAPH



PI29……; top view – horizontal control

PI29……; horizontal interface control markings



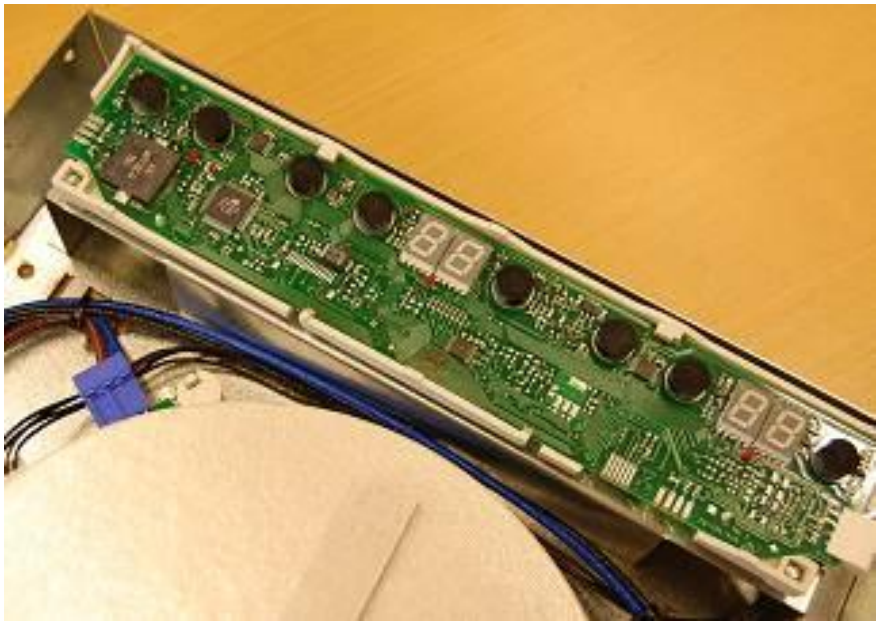
ATTACHMENT - PHOTOGRAPH

PI29…...; bottom view

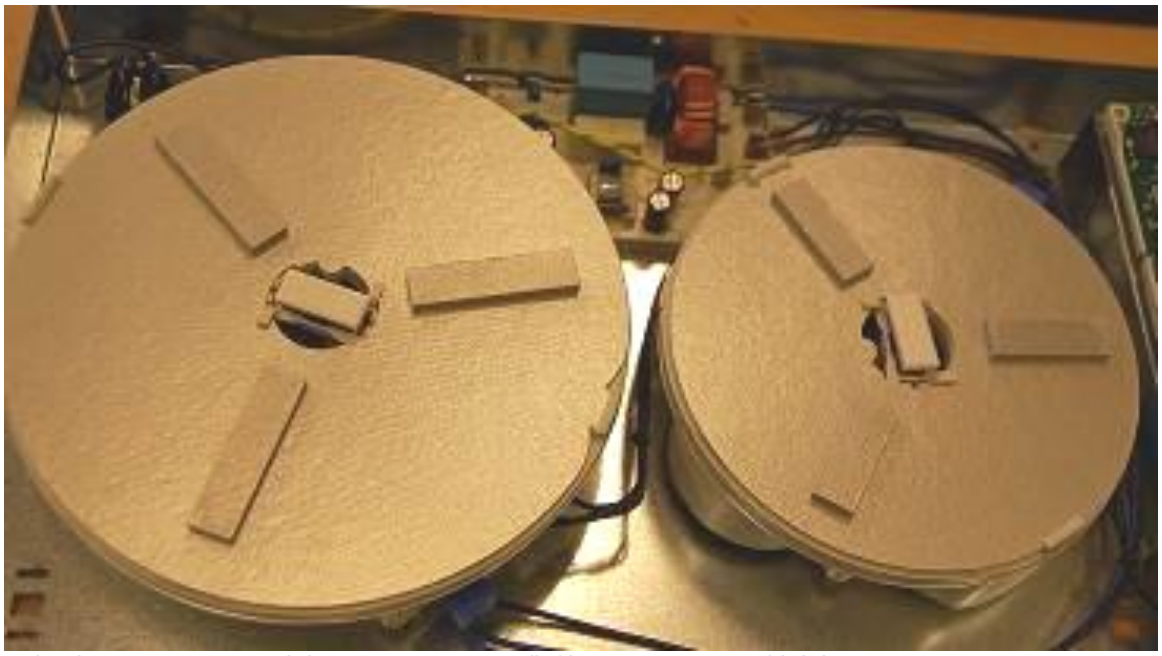
PI29….; Connection box

PI29……; connection box open

ATTACHMENT - PHOTOGRAPH



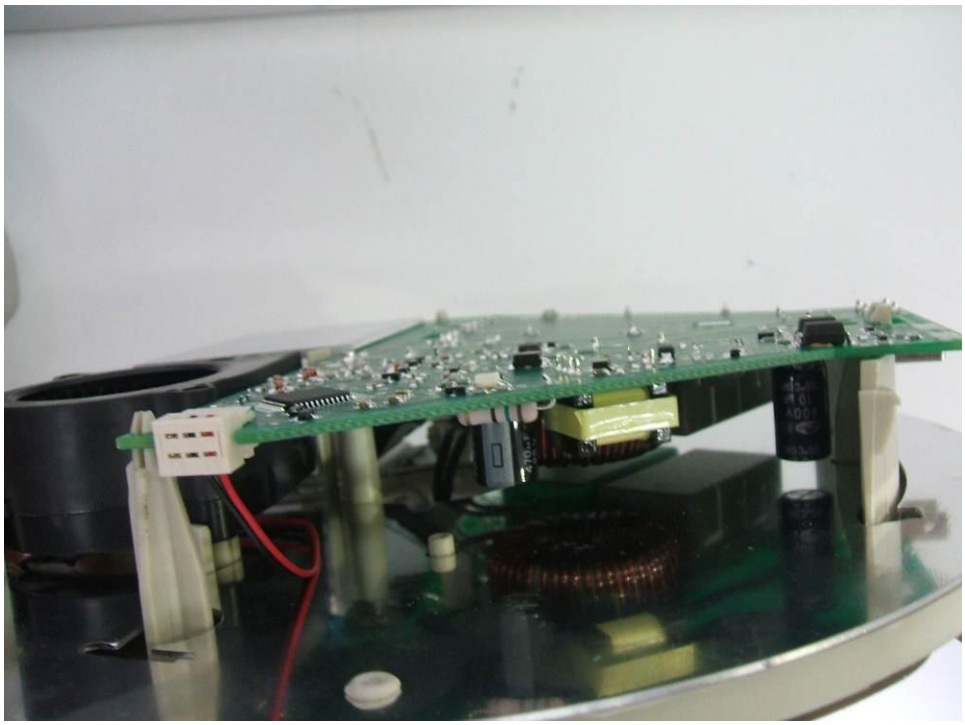
Touch control board; 75.13068.400



Induction generator modules; 75.08010.202 (left), 75.08010.102 (right)

ATTACHMENT - PHOTOGRAPH

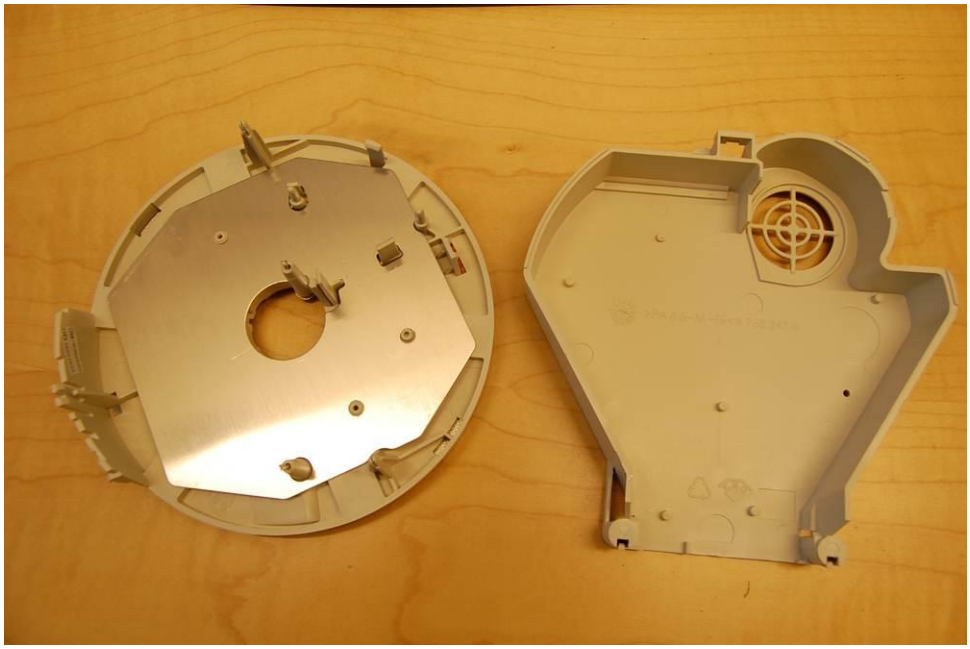
Induction generator module; 75.08010.202 – external bottom view and PCB



Induction generator module; 75.08010.202 –PCB

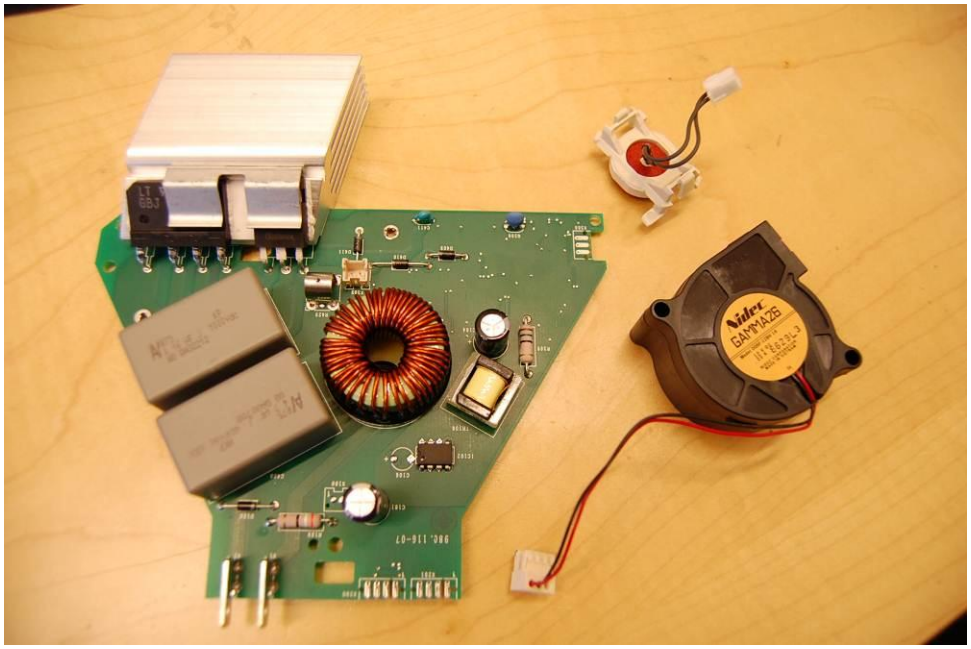
ATTACHMENT - PHOTOGRAPH

Induction generator module; 75.08010.102 – casing outside

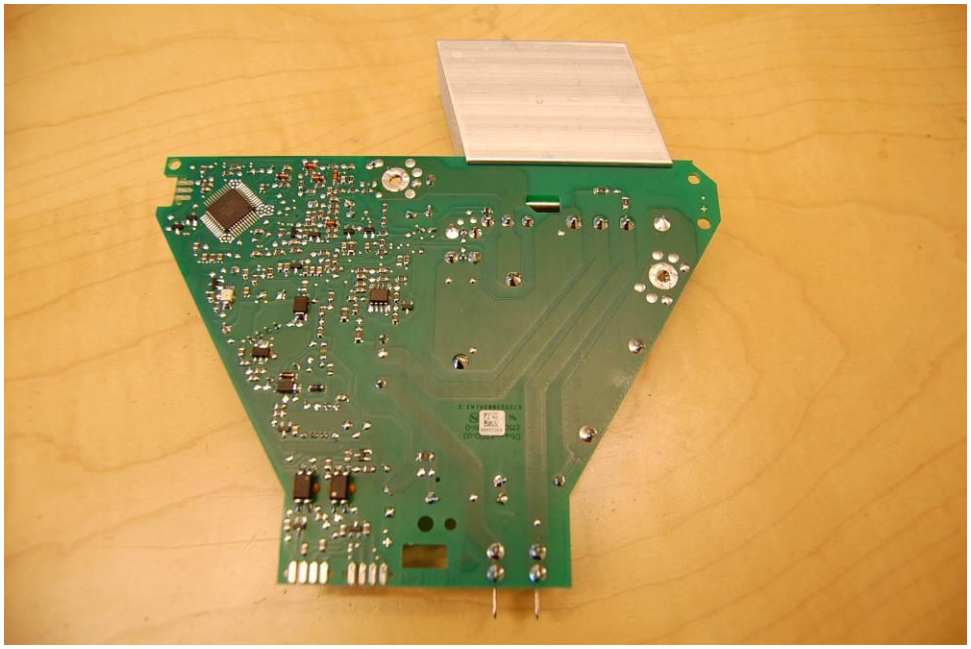


Induction generator module; 75.08010.102 – casing inside

ATTACHMENT - PHOTOGRAPH

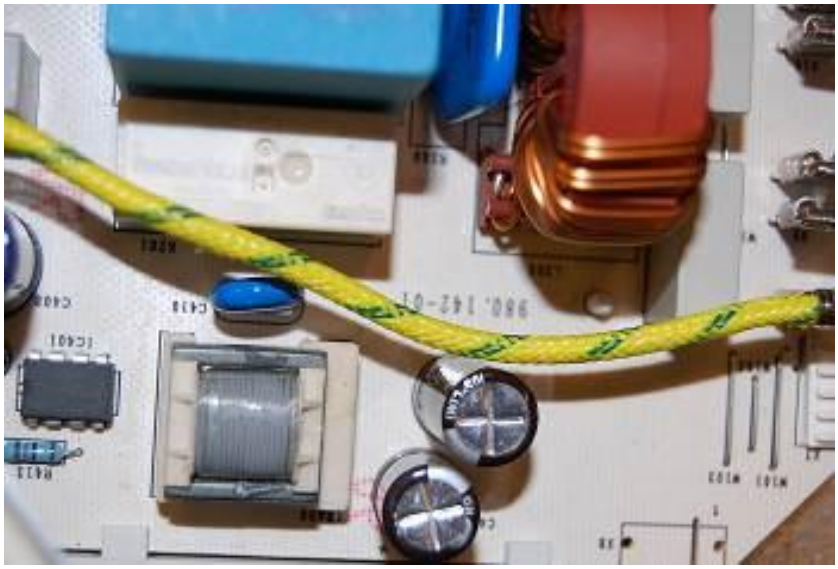


Induction generator module; 75.08010.102 – PCB component side, fan and censor



Induction generator module; 75.08010.102 – PCB solder side

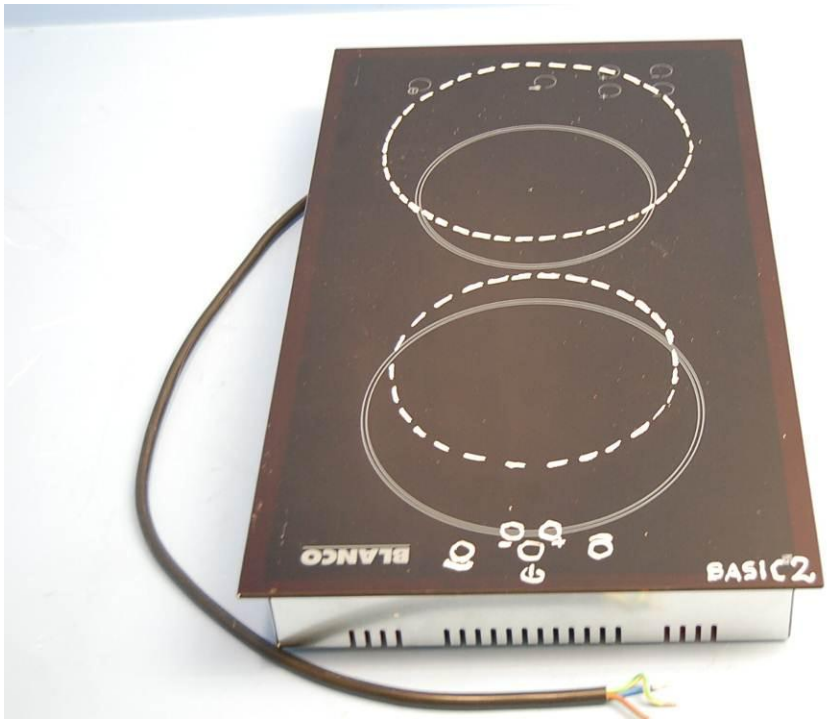
ATTACHMENT - PHOTOGRAPH



Electronic power board; 75.08010.600 – details

Electronic power board; 75.08010.600 – details

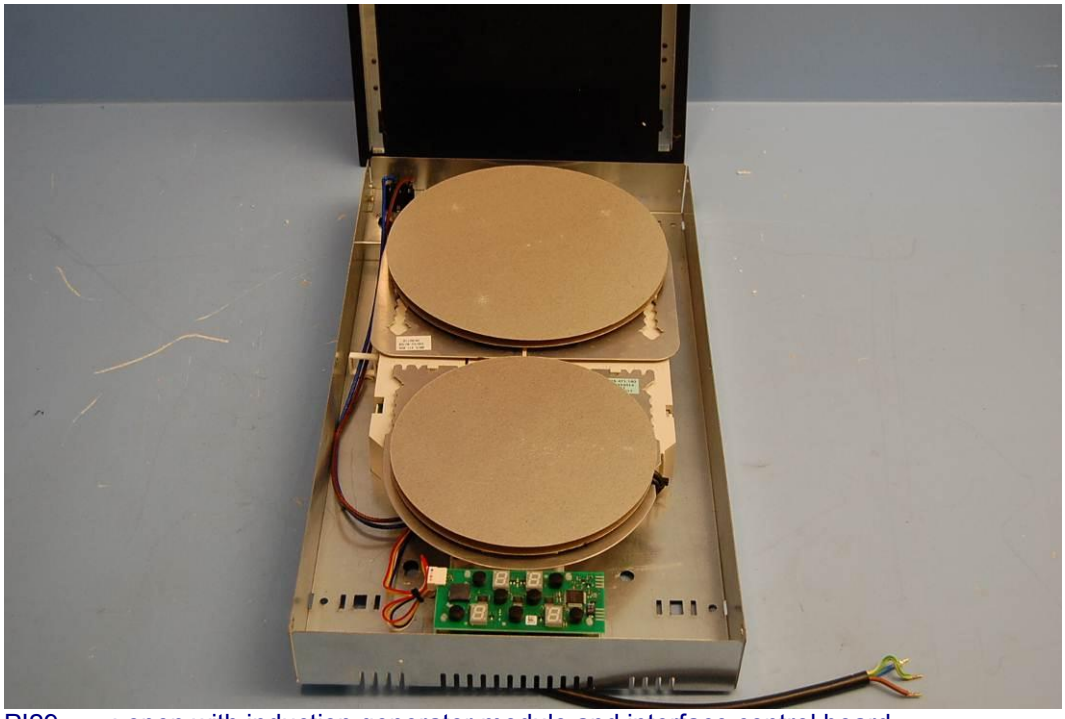
ATTACHMENT - PHOTOGRAPH



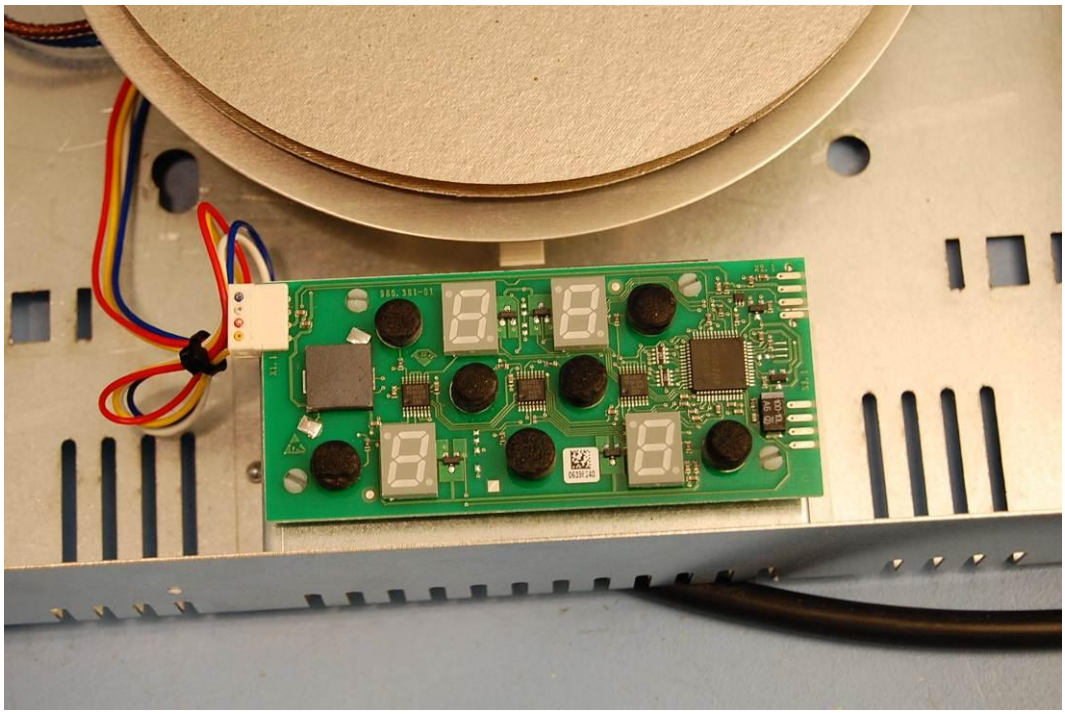
PI29……; Top view – with interface control module Lisa

PI29……; Bottom view

ATTACHMENT - PHOTOGRAPH

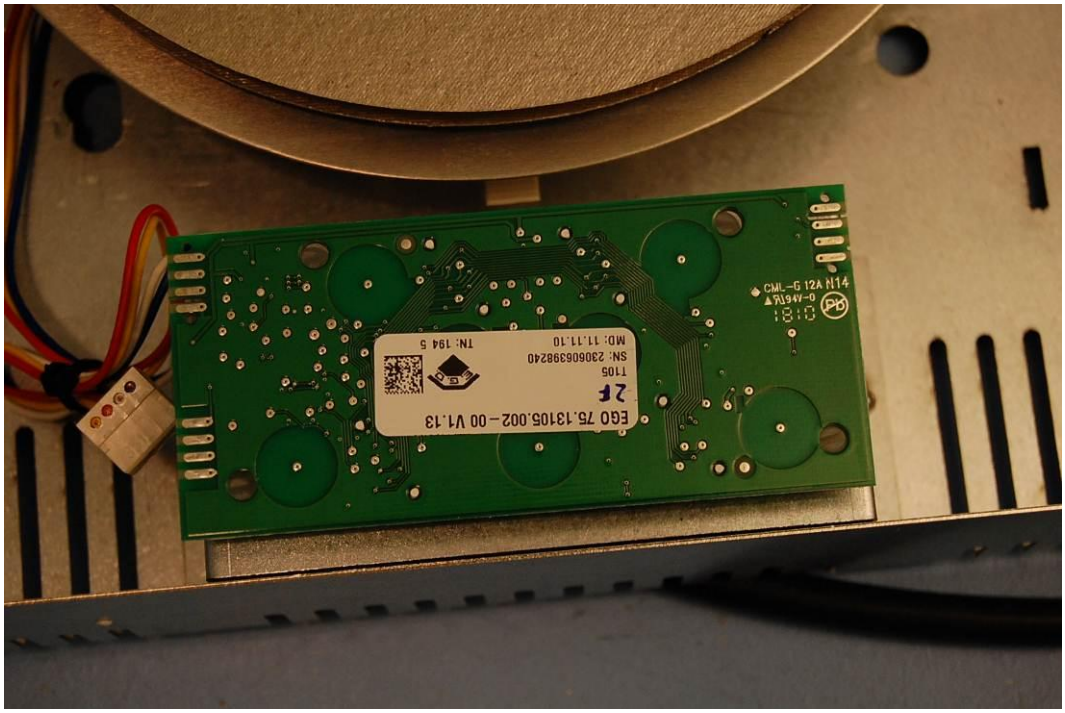


PI29……; open with induction generator module and interface control board

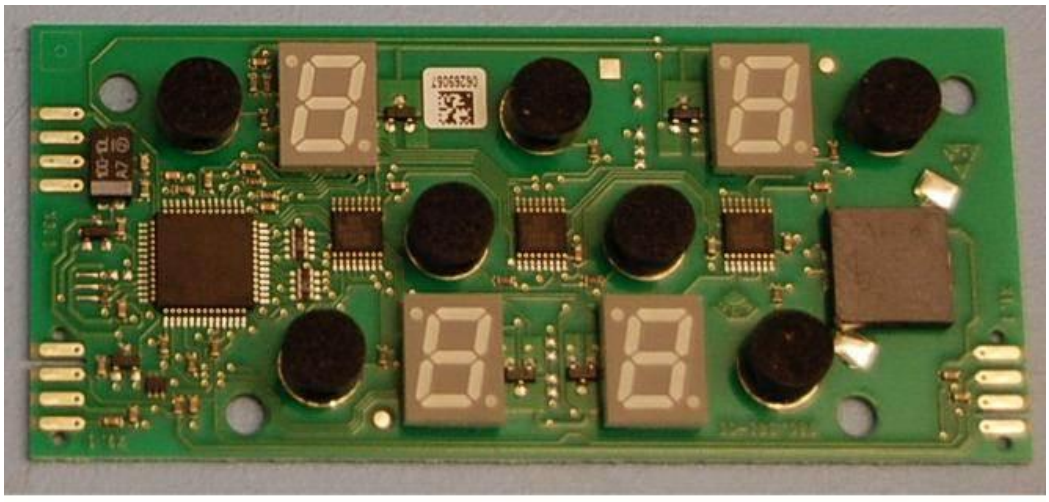


Interface control module Lisa, component side (75.13105.002)

ATTACHMENT - PHOTOGRAPH



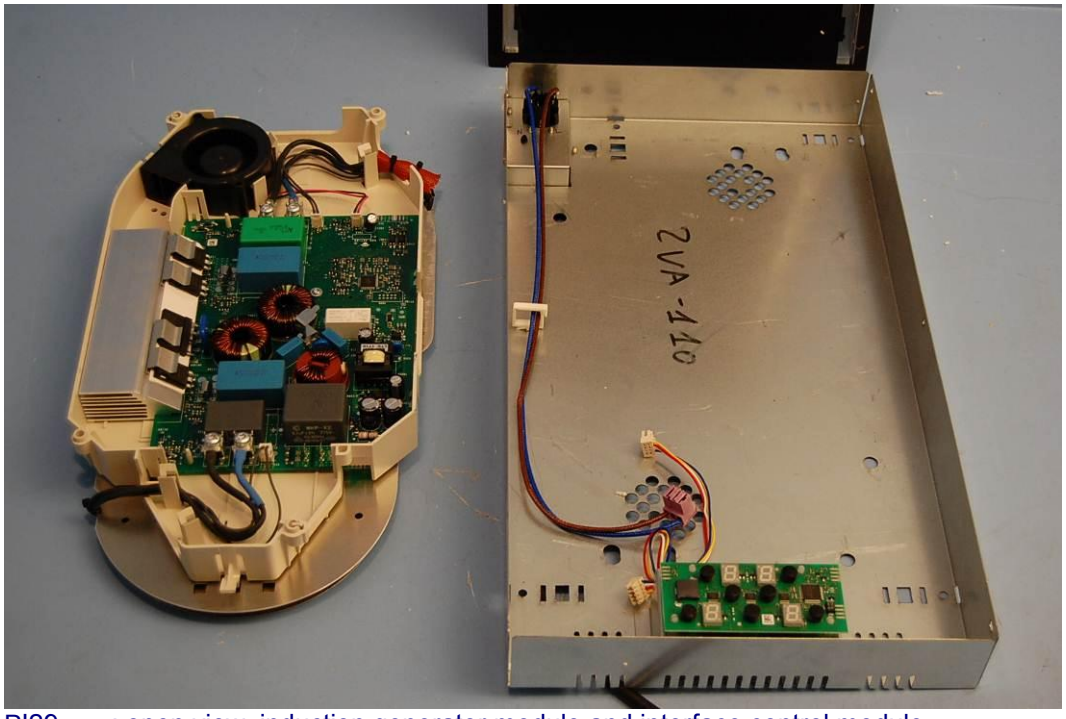
Interface control module Lisa, solder side (75.13105.002)



Interface control module Lisa, component side (75.13105.102)

ATTACHMENT - PHOTOGRAPH

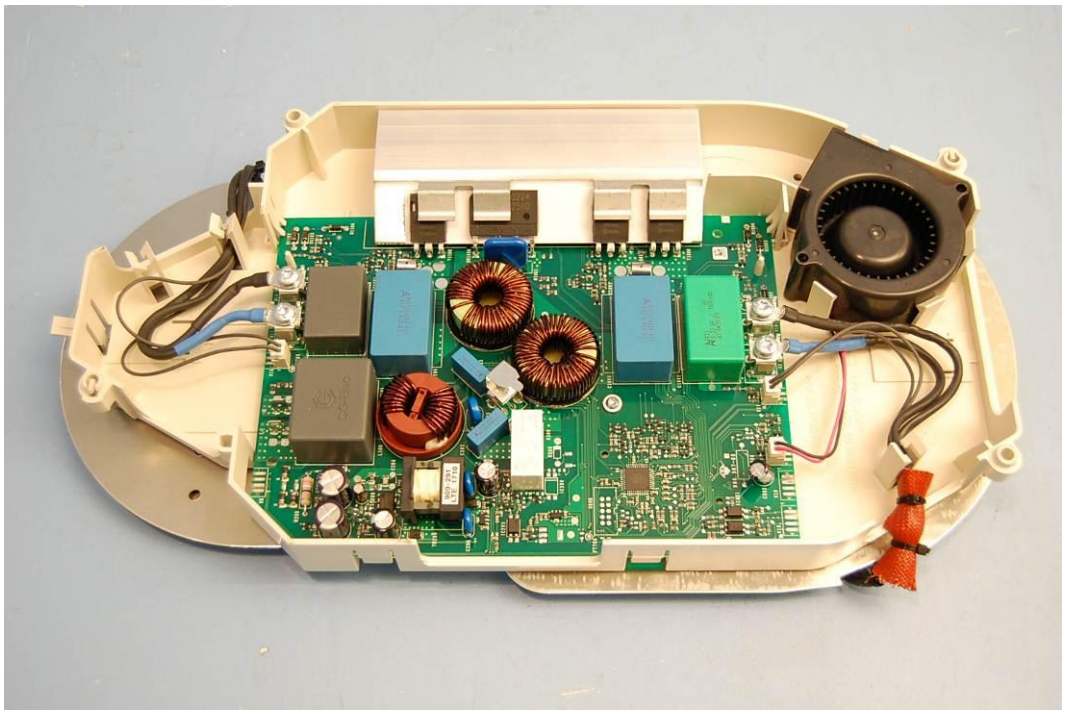
Interface control module Lisa; solder side (75.13105.102)



PI29……; open view, induction generator module and interface control module

ATTACHMENT - PHOTOGRAPH

Induction generator module 75.08014.210; top view

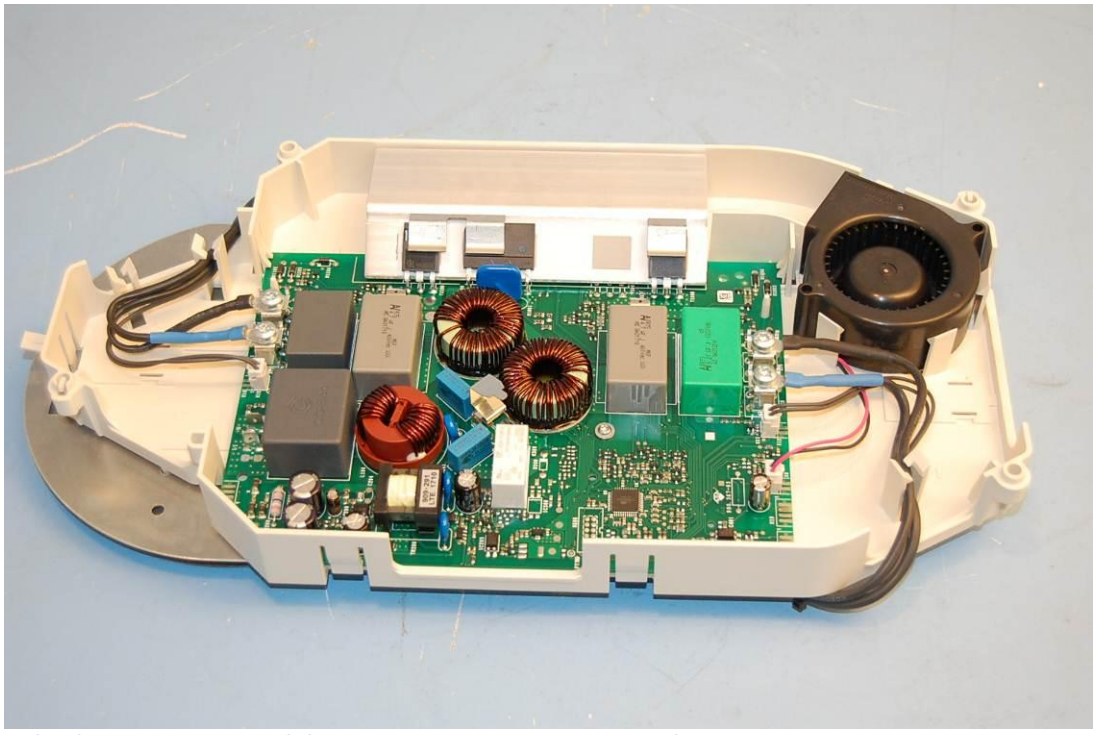


Induction generator module 75.08014.210; PCB, connections

Report No.226187

ATTACHMENT - PHOTOGRAPH

Induction generator module 75.08014.110; top view



Induction generator module 75.08014.110; PCB, connections