



TEST REPORT IEC/EN 60335-2-9 Safety of household and similar electrical appliances Part 2: Particular requirements for grills, toasters and similar cooking appliances	
Report Number.....	170200140SHA-001
Date of issue.....	2017-02-17
Total number of pages	103 pages of test report + 33 pages photographs
Applicant's name	Ningbo Ding Jia Electrical Appliance Co., Ltd.
Address.....	No.828, Huanqu South Road Andong Town, Hangzhou Bay, Ningbo, China
Test specification:	
Standard.....	EN 60335-2-9:2003+A1:2004+A2:2006+A12:2007+A13:2010+AC:2011 +AC:2012 used in conjunction with EN 60335-1:2012+AC:2014+A11:2014 and EN 62233:2008 (IEC 60335-2-9: 2002 (Fifth edition) + A1:2004 + A2:2006 in conj. IEC 60335-1:2010 (Fifth Edition))
Test procedure	CE-LVD
Non-standard test method.....	N/A
Test Report Form No.	TTRF IEC/EN 60335_2_9D
Test Report Form(s) Originator	INTERTEK
Master TRF	Dated 2013-02
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Test item description.....	Toaster
Trade Mark.....	--
Manufacturer	Ningbo Ding Jia Electrical Appliance Co., Ltd.
Model/Type reference	DJ-T001, DJ-T002, DJ-T003, DJ-T003M, DJ-T007, DJ-T008, DJ-T008S, DJ-T009
Ratings	220-240V~, 50/60Hz, 700-850W, Class I

Summary of testing:

From the result of our inspection and tests on the submitted samples, we conclude that they **comply** with the requirements of the standards.

Appendix: Photo documents (33 pages)

Tests performed (name of test and test clause):

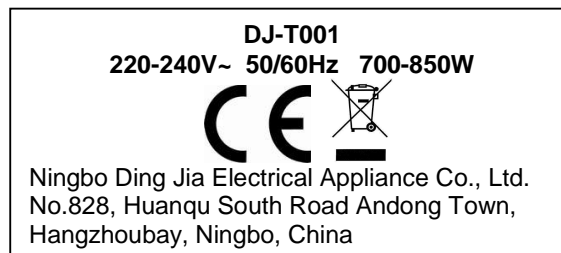
Full

Testing location:

Same as previous page.

Summary of compliance with National Differences**List of countries addressed:**

None

Copy of marking plate (representative)

Warning symbol only for DJ-T003:



(At least 12mm in height, marked on top enclosure)

Note: When the equipment is vended to EU, then name and address of the importer or authorized representative within the EEA shall be added on the equipment.

Test item particulars	
Classification of installation and use	Portable appliance, Class I, household use only
Supply Connection	Type Y
.....	
Possible test case verdicts:	
- test case does not apply to the test object.....	N/A
- test object does meet the requirement	P (Pass)
- test object does not meet the requirement.....	F (Fail)
Testing	
Date of receipt of test item	2017-02-07
Date (s) of performance of tests	2017-02-07 to 2017-02-16
General remarks:	
<p>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. Determination of the test result includes consideration of measurement uncertainty from the test equipment and methods. Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator. Appendix: EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES</p> <p>This report is for the exclusive use of Intertek's Client and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this report. Only the Client is authorized to permit copying or distribution of this report and then only in its entirety. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. The observations and test results in this report are relevant only to the sample tested. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.</p>	
Name and address of factory (ies)	Ningbo Ding Jia Electrical Appliance Co., Ltd. No.828, Huanqu South Road Andong Town, Hangzhoubay, Ningbo, China
General product information:	
<p>The appliances covered in this report are considered as Toasters for household use. The products incorporate bare heating element, integrated circuit, which control the all-pole disconnection, switch, and electronic timer. DJ-T003 and DJ-T003M are series toasters. They are same except the material of side face of enclosure: metal for DJ-T003, plastic for DJ-T003M. Same as DJ-T008 and DJ-T008S. Other models have different shape and appearance. Test performed on DJ-T001, DJ-T002, DJ-T003 and DJ-T008S which are more unfavorable. Other models also tested if mentioned.</p>	

Supply cord	31	150
Enclosure (plastic)	88	For Cl.30
Supplementary information: Supplementary information: only the most unfavourable data recorded.		

24.1	TABLE: Components					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾	
Power plug	Ningbo Qiaopu Electric Co., Ltd.	D03	250V~, 16A DIN 49441-R2	DIN VDE 0620-1	VDE*/ 40002872	
Alternative	Ningbo Qiaopu Electric Co., Ltd.	H05VV-F	3X0,75mm ² with green/yellow wire (length <=2m)	EN 50525-2-11	VDE*/ 40035976	
Alternative	Ningbo Liansheng Wire & Cable Co.Ltd.	H05VV-F	3X0,75mm ² with green/yellow wire (length <=2m)	EN 50525-2-11	VDE*/ 40022054	
Internal wire	Cixi Shuanghong Wire Co., Ltd.	H05SJ-K H05S-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40017324	
Alternative	Jiang Yin Tianqi Silicone Rubber Products Co.,Ltd.	H05SJ-K H05S-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40017265	
Alternative	Xiangshan Fahua Electric Wire & Cable Co., Ltd.	H05SJ-K H05S-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40016704	
Alternative	Dong Guan Nistar Transmitting Technology Co. Inc.	H05SJ-K H05S-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40017570	
Alternative	Cixi Sanhe Cable Co., Ltd	H05SJ-K H05S-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40023284	
Alternative	Jiangyin Qingyang Rubber & Plastic Products Factory	H05SJ-K H05S-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40015714	
Alternative	Jiangyin Yuanda Electrical Material Co., Ltd	H05SJ-K H05S-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40016706	
Alternative	Cixi Sanhe Cable Co.,Ltd	H05S-K H05SJ-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40023284	
Alternative	Cixi Jiangyuan Power Cord Co.,Ltd	H05S-K H05SJ-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40031080	
Alternative	ShangYu Mingsheng Cable Co.,Ltd	H05S-K H05SJ-K	1x0,5mm ² , T180	EN 50525-2-41	VDE*/ 40023108	
Alternative	QIFURUI ELECTRONICS CO.	3122	200°C, 300V, 18-20AWG (E211048)	EN 60335-2-9	Test with appliance	
Alternative	JIANGYIN YUANDA ELECTRICAL MATERIAL CO LTD.	3122	200°C, 300V, 18-20AWG (E216252)	EN 60335-2-9	Test with appliance	
Alternative	Xiangshan Fahua Co.,Ltd.	3122	200°C, 300V, 18-20AWG (E222362)	EN 60335-2-9	Test with appliance	
Alternative	CIXI SHUANGHONG WIRE CO LTD	3122	200°C, 300V, 18-20AWG (E333296)	EN 60335-2-9	Test with appliance	

Alternative	JIANGYIN TIANQI SILICONE RUBBER PRODUCTS CO LTD	3122	200°C, 300V, 18-20AWG (E225526)	EN 60335-2-9	Test with appliance
Internal wires to heating element	Jiangyin Yuanda Electrical Material Co.,Ltd.	3122	18-22AWG, 300V, 200°C, (E216252)	EN 60335-2-9	Tested with appliance
Alternative	Jiangyin Tianqi Silicone Rubber Products Co.,Ltd.	3122	18-22AWG, 300V, 200°C, (E225526)	EN 60335-2-9	Tested with appliance
Alternative	Cixi Jiangyuan Electronics Co., Ltd.	3122	18-22AWG, 300V, 200°C, (E338998)	EN 60335-2-9	Tested with appliance
Alternative	Shang Yu Mingsheng Cable Co., Ltd.	3122	18-22AWG, 300V, 200°C, (E313210)	EN 60335-2-9	Tested with appliance
Alternative	Cixi Sanhe wire & Cable Co., Ltd.	3122	18-22AWG, 300V, 200°C, (E472907)	EN 60335-2-9	Tested with appliance
Alternative	XIANGSHAN FA HUA ELECTRIC WIRE & CABLE CO LTD	3122	18-22AWG, 300V, 200°C, (E222362)	EN 60335-2-9	Tested with appliance
Alternative	CIXI SHUANGHONG WIRE CO.LTD	3122	18-22AWG, 300V, 200°C, (E333296)	EN 60335-2-9	Tested with appliance
Internal wires to control PCB	Yuyao Donghai Special Wire Factory.	2468	24-26AWG, 80°C, 300V, (E212811)	EN 60335-2-9	Tested with appliance
Alternative	Xinda Electronics Wire & Cable Co Ltd.	1007	24-26AWG, 80°C, 300V, (E187208)	EN 60335-2-9	Tested with appliance
Alternative	YUEQING BOYUAN ELECTRONIC WIRE&CABLE CO LTD	2468	24-26AWG, 80°C, 300V, (E203561)	EN 60335-2-9	Tested with appliance
Fibreglass sleeving	NINGBO HOPE WELL INSULATION MATERIAL CO LTD	SRG-504	VW-1, 600V, 200°C, Ø3,0-5,0 mm (E340580)	EN 60335-2-9	Tested with appliance
Solenoid winding	Xuzhou Shengbao Industry Co.,Ltd.	MW75	Ø0,01mm, Class 130 (E196473)	EN 60335-2-9	Tested with appliance
Solenoid bobbin	E I DUPONT DE NEMOURS & CO INC	FR50(+)(f1)	PA66, V-0, 130 °C, Min. thickness: 0,75mm (E41938)	EN 60335-2-9	Tested with appliance
Heating element	Ningbo Ding Jia Electrical Appliance Co., Ltd.	OCr25Al5	220-240V~, 50/60Hz, 700-850W	EN 60335-2-9	Tested in appliance
PCB	Kingboard Laminates Ltd.	KB-3151C	94V-0, 130°C, Min. thickness: 1,0mm (E123995)	EN 60335-2-9	Tested with appliance

Alternative	SHANDONG JINBAO ELECTRONICS CO LTD	ZD-90F	94V-0, 130°C, Min. thickness: 1,0mm (E141940)	EN 60335-2-9	Tested with appliance
Switch	Ningbo Ding Jia Electrical Appliance Co., Ltd.	--	Tested at 220- 240V~, 4,0A , 10000 cycles	EN 60335-2-9	Tested with appliance
Mica	ZHEJIANG RONG TAI ELECTRIC M ATERIAL CO LTD	R-5660-X	Min. thickness: 0,3mm (E231452)	EN 60335-2-9	Tested with appliance
Plastic of lower enclosure	HANWHA TOTAL PETROCHEMICAL CO LTD	PP	Min. thickness: 1,5mm	EN 60335-2-9	Tested with appliance
Switch press material	E1 DUPONT DE NEMOURS&COINC	PA66	Min. thickness 1,5mm	EN 60335-2-9	Test with appliance
Knobs for DJ-T001, DJ-T002, DJ-T003, DJ-T003M, DJ-T009	HANWHA TOTAL PETROCHEMICAL CO LTD	PP	Min. thickness: 1,5mm	EN 60335-2-9	Tested with appliance
Knobs for DJ-T007, DJ-T008, DJ-T008S	CHI MEI CORPORATION	ABS	Min. thickness: 1,5mm	EN 60335-2-9	Tested with appliance
Enclosure	HANWHA TOTAL PETROCHEMICAL CO LTD	PP	Min. thickness: 1,5mm	EN 60335-2-9	Tested with appliance
Metal enclosure	Ningbo Ding Jia Electrical Appliance Co., Ltd.	SUS430	Min. thickness: 0,3mm	EN 60335-2-9	Tested with appliance
1) An asterisk indicates a mark which assures the agreed level of surveillance.					

28.1	TABLE: Threaded part torque test			P
Threaded part identification	Diameter of thread (mm)	Column number (I, II, or III)	Applied torque (Nm)	
Earthing screw	2,8	II	0,4	
Supplementary information:				

29.1	TABLE: Clearances					P
	Overvoltage category					—
		Type of insulation:				
Rated impulse voltage (V):	Min. cl (mm)	Basic (mm)	Supplementary (mm)	Reinforced (mm)	Functional (mm)	Verdict / Remark
330	0,2* / 0,5 / 0,8**					
500	0,2* / 0,5 / 0,8**					
800	0,2* / 0,5 / 0,8**					
1 500	0,5 / 0,8** / 1,0***					