
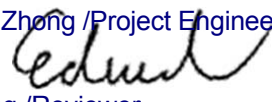
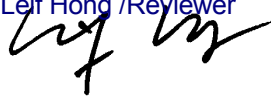






<p>TEST REPORT IEC 60335-2-14 Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines</p>	
Report Number	GZES140700846032
Date of issue	2016-03-28, Amendment no.1: 2018-08-27
Total number of pages.....	17
Applicant's name.....	X. J. Group (HK) Limited
Address	7 / F., Building 7, Shatoujiao Free Trade Zone, Yantian, Shenzhen, China
Test specification:	
Standard	IEC 60335-2-14:2006 (Fifth Edition) + A1:2008 + A2:2012 in conjunction with IEC 60335-1:2010 (Fifth Edition)
Test procedure	SGS-CSTC
Non-standard test method.....	N/A
Test Report Form No.....	IEC60335_2_14N
Test Report Form(s) Originator	CQC
Master TRF	Dated 2013-07
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Test item description	Shredder and Berry-juice extractor
Trade Mark	--
Manufacturer.....	X. J. Electrics (Shenzhen) Co., Ltd. A Building, No.1 Shantang Industrial Zone, Silian Paibang, Henggang, Longgang, Shenzhen, China
Model/Type reference	XJ-14401A0, XJ-14401B0, XJ-14401, 14401A0, 14401B0, 14401
Ratings	220 V – 240 V; 230 V; 50 Hz / 60 Hz; 150 W; Class II



Testing procedure and testing location:	
<input checked="" type="checkbox"/> CB Testing Laboratory: Testing location/ address:	SGS-CSTC Standards Technical Services Co., Ltd. Shunde Branch Building 1, European Industrial Park, No.1, Shunhenan Road, Wusha, Daliang, Shunde District, Foshan, Guangdong, China 
<input type="checkbox"/> Associated CB Laboratory: Testing location/ address.....:	N/A
Tested by (name + signature):	Edward Zhong /Project Engineer 
Approved by (name + signature).....:	Leif Hong /Reviewer 
<input type="checkbox"/> Testing procedure: TMP Testing location/ address.....:	N/A
Tested by (name + signature):	
Approved by (name + signature).....:	
<input type="checkbox"/> Testing procedure: WMT Testing location/ address.....:	N/A
Tested by (name + signature):	
Witnessed by (name + signature).....:	
Approved by (name + signature).....:	
<input type="checkbox"/> Testing procedure: SMT Testing location/ address.....:	N/A
Tested by (name + signature):	
Approved by (name + signature).....:	
Supervised by (name + signature):	
<input type="checkbox"/> Testing procedure: RMT Testing location/ address.....:	N/A
Tested by (name + signature):	
Approved by (name + signature).....:	
Supervised by (name + signature):	

<p>List of Attachments: Attachment 6 includes 1 page of EN 60335-1: 2012 / A13: 2017 Attachment 7 includes 5 pages of EN 60335-2-14: 2006 / A12: 2016</p>	
<p>Summary of testing:</p>	
<p>Tests performed (name of test and test clause): Tests according to the following standards were carried out: IEC 60335-2-14: 2006 + A1: 2008 + A2: 2012 IEC 60335-1: 2010 + A1: 2013 After reviewed, Alternative switch and capacitor were subjected to clause 30.2.1; alternative internal wires were subjected to clause 23.5 The submitted samples fulfil the requirements of above standards.</p>	<p>Testing location: See page 2</p>
<p>Summary of compliance with National Differences CENELEC common modifications were taken into account. <input checked="" type="checkbox"/> The product fulfils the requirements of EN 60335-2-14: 2006 + A1: 2008 + A11: 2012 + A12: 2016 EN 60335-1: 2012 + A11: 2014 + A13: 2017 EN 62233: 2008</p>	

<p>Copy of marking plate The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks. As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or registered trade mark and the postal address will be marked on the products before being placed on the market. The contact details shall be in a language easily understood by end-users and market surveillance authorities. Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.</p> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: 45%;"> <p>Shredder ModelNo: XJ-14401A0 220-240V~50/60Hz-150W  X.J.Electrics (Shenzhen) Co., Ltd. A Building, No.1 Shantang Industrial Zone, Sijian Paibang, Henggang, Longgang, Shenzhen, China</p> </div> <div style="border: 1px solid black; border-radius: 15px; padding: 10px; width: 45%;"> <p>Shredder ModelNo: XJ-14401A0 230V~50/60Hz-150W  X.J.Electrics (Shenzhen) Co., Ltd. A Building, No.1 Shantang Industrial Zone, Sijian Paibang, Henggang, Longgang, Shenzhen, China</p> </div> </div> <p>Remark: other model is same as above label except for the model number and ratings. The above marking plates are only a draft to indicate the ratings.</p>

Test item particulars	
Classification of installation and use.....	Portable appliance for household and indoor use
Supply Connection	Non-detachable power cord fitted with plug
Possible test case verdicts:	
- test case does not apply to the test object.....	N/A
- test object does meet the requirement.....	P (Pass)
- test object does not meet the requirement.....	F (Fail)
Testing	
Date of receipt of test item	2018-07-30
Date (s) of performance of tests	2018-07-30 to 2018-08-27
General remarks:	
<p>"(See Enclosure #)" refers to additional information appended to the report. "(See appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input checked="" type="checkbox"/> comma / <input type="checkbox"/> point is used as the decimal separator. This document is issued by the Company subject to its General Conditions of Service, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Documents.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein.</p> <p>Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.</p> <p>Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This test report GZES140700846032 is not valid without GZES140700846001, GZES140700846002 and GZES140700846031</p>	
<p>Manufacturer's Declaration per sub-clause 4.2.5 of IEC 60335-2-14:</p> <p>The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided.....</p> <p style="text-align: right;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Not applicable </p>	

Name and address of factory (ies)	<p>1. X. J. Electronics (Shenzhen) Co., Ltd. Shijing Industrial Zone, Pingshan, Longgang, Shenzhen, China</p> <p>2. X. J. Electrics (Hubei) Co., Ltd. Kaidi Road, Lishizhen Medicine Industrial Zone, Qichun, Hubei, China</p> <p>3. X. J. Electrics (Shenzhen) Co., Ltd. A Building, No.1 Shantang Industrial Zone, Silian Paibang, Henggang, Longgang, Shenzhen, China</p>
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General product information:
The original test report Reference No. GZES140700846001 and GZES140700846002, were amended on 2016-03-28 to include the following additions and changes, which were considered technical modifications:

1. Updated LVD directive to 2014/35/EU.
2. Added new models, details see below table:

New models	Remark
14401A0	The same as original model "XJ-14401A0" except the model name.
14401	The same as original model "XJ-14401" except the model name.

3. Added alternative function of Berry-juice extractor for all models.
 4. Added alternative internal wire, X2 capacitor and heat shrinkable tube.
 5. Updated table 24.1, due to manufacturer name and certificate updated.
 6. Change the applicant's name from X. J. Group Ltd. to X. J. Group (HK) Limited.
- For the relevant test, see "Summary of testing".

Amendment 1:

The original test report Reference No. GZES140700846031, dated 2016-03-28 was amended on 2018-08-12 to include the following additions, which were considered technical modifications:

1. Update standards to
 - EN 60335-1: 2012 / A13: 2017
 - EN 60335-2-14: 2006 / A12: 2016

2. Add new model XJ-14401B0 and 14401B0 as following:

- XJ-14401B0 is identical with 14401A0 except for accessory as following
- XJ-14401B0 and 14401B0 are identical except for different model name
- Redefine Berry-juice extractor as following

Model	Original	New
XJ-14401A0, 14401A0	Incorporated with accessory of Berry-juice extractor	NOT incorporated with accessory of Berry-juice extractor
XJ-14401, 14401		Incorporated with accessory of Berry-juice extractor
XJ-14401B0, 14401B0	N/A	Incorporated with accessory of Berry-juice extractor

3. Add following alternative components

Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity1)
plug	Shenzhen Jili Dianye Co., Ltd.	JL-601	AC 250 V, 2.5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40038638
plug	Guangdong Kai Hua Electric Appliance Co., Ltd	KH-9903B	AC 250 V, 2.5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40024149
switch	XIAMEN HIMAKE TECHNOLOGY CO LTD	SM05	AC 250 V, 5A, T105, 5E4,	IEC/EN 61058-1	ENEC NO.2136806.04
x2 capacitor	Tenta Electric Industrial Co., Ltd.	MEX	AC 275V, X2, 0,1uF, T100	IEC/EN 60384-14	VDE 119119
x2 capacitor	Dongguan QinHong (QNR) Electronic Technology Co., Ltd.	MPX	AC 275 V, X2, 0,1 uF, T110	IEC/EN 60384-14	VDE 40047280
x2 capacitor	Jyh Hsu (Jec) Electronics Ltd.	MPX	AC 275 V, X2, 0,1 uF, T110	IEC/EN 60384-14	VDE 40044985
internal wire	ZHUHAI HENGWANG ELECTRONIC S CO LTD	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Tested with appliance UL E314186
internal wire	Bright Wire & Cable Co., Ltd.	1015	600 V; 22 AWG; 105°C	IEC/EN 60335-2-13 IEC/EN 60335-1	Tested with appliance UL E322506
internal wire	SHENZHEN XINGGUANG ELECTRIC PRODUCT CO LTD	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Tested with appliance UL E315073
internal wire	Shenzhen City De Xing Long Electric Co., Ltd.	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Tested with appliance UL E328945
internal wire	Ran Sun Industrial Co	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Test with appliance UL E157882
internal wire	SHENZHEN	1015	600	IEC/EN 60335-	Tested with

	SHI YIHUAXING ELECTRON CO LTD		V,105 °C, min18AWG,	2-14 IEC/EN 60335- 1	appliance UL E318553
internal wire	Shiqing Electronics (Huizhou) Co., Ltd.	1015	600 V; 105 °C; 20 AWG	IEC/EN 60335- 2-14 IEC/EN 60335- 1	Tested with appliance UL E342682
internal wire	Zhongshan Xinsheng Electric Co., Ltd.	1015	600 V; 105 °C; 20 AWG	IEC/EN 60335- 2-14 IEC/EN 60335- 1	Tested with appliance UL E328303
internal wire	Dongguan Zhihe Electrical Cable Tech Co., Ltd.	1015	600 V; 105 °C; 20 AWG	IEC/EN 60335- 2-14 IEC/EN 60335- 1	Tested with appliance UL E258239
Internal wire	DONGGUAN COOPERATIO N WIRE&CABLE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335- 2-14 IEC/EN 60335- 1	Tested with appliance UL E204204
Internal wire	DONGGUAN NEW NAM LEE ELECTRICAL CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335- 2-14 IEC/EN 60335- 1	Test with appliance UL E216831

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23	INTERNAL WIRING		—
23.5	The insulation of internal wiring subjected to the supply mains voltage withstanding the electrical stress likely to occur in normal use		P
	Basic insulation electrically equivalent to the basic insulation of cords complying with IEC 60227 or IEC 60245, or		N/A
	no breakdown when a voltage of 2000 V is applied for 15 min between the conductor and metal foil wrapped around the insulation		P
30	RESISTANCE TO HEAT AND FIRE		—
30.2	Parts of non-metallic material resistant to ignition and spread of fire		P
	This requirement does not apply to:		—
	parts having a mass not exceeding 0,5 g, provided the cumulative effect is unlikely to propagate flames that originate inside the appliance by propagating flames from one part to another, or		N/A
	decorative trims, knobs and other parts unlikely to be ignited or to propagate flames that originate inside the appliance		P
	Compliance checked by the test of 30.2.1, and in addition:		P
	- for attended appliances, 30.2.2 applies		P
	- for unattended appliances, 30.2.3 applies		N/A
	For appliances for remote operation, 30.2.3 applies		N/A
	For base material of printed circuit boards, 30.2.4 applies		N/A
	For churns and ice-cream machines, 30.2.3 is applicable. (IEC 60335-2-14)		N/A
30.2.1	Parts of non-metallic material subjected to the glow-wire test of IEC 60695-2-11 at 550 °C		P
	However, test not carried out if the material is classified as having a glow-wire flammability index according to IEC 60695-2-12 of at least 550 °C, or		N/A
	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 need to meet the requirements in ISO 9772 for material classified HBF		N/A
30.2.2	Appliances operated while attended, parts of non-metallic material supporting current-carrying connections, and		N/A

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	parts of non-metallic material within a distance of 3mm of such connections,		N/A
	subjected to the glow-wire test of IEC 60695-2-11		N/A
	The test severity is:		—
	- 750 °C, for connections carrying a current exceeding 0,5 A during normal operation		N/A
	- 650 °C, for other connections		N/A
	Glow-wire applied to an interposed shielding material, if relevant		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
	The glow-wire test is also not carried out on small parts. These parts are to:		—
	- comprise material having a glow-wire flammability index of at least 750 °C, or 650 °C as appropriate, or		N/A
	- comply with the needle-flame test of Annex E, or		N/A
	- comprise material classified as V-0 or V-1 according to IEC 60695-11-10		N/A
	Glow-wire test not applicable to conditions as specified	Continuously loaded by hand	P

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24.1 TABLE: Components information					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹)
Plug	Unirise Electric Wire & Cable Co., Ltd	UE-211	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40014452
Alt.	AWIN WIRE&CABLE CO., LTD	AW112	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40010116
Alt.	Dongguan City Xintai Electronic Co., Ltd.	XT-101	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40033631
Alt.	Kenic Electric Mfg. Co., Ltd.	KE-21	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 97182
Alt.	Sheng Yi Electrical Factory	SY-21	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40007413
Alt.	Chao Hui Electrical Appliance Co., Ltd.	CH-221	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40017597
Alt.	Toong Yean Plastic Ind. Co., Ltd.	TY-011	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40002154
Alt.	Hunan Aomeng Electrical Equipment Co. Ltd.	AM-008	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40015046
Alt.	Shenzhen Tongyuan Industrial Co., Ltd.	TY-E201	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40027518
Alt.	MAINLAND ELECTRIC WIRE & CABLE CO., LTD	ML-207	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40011361
Alt.	Shenzhen Jili Dianye Co., Ltd.	JL-601	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40038638
Alt.	Guangdong Kai Hua Electric Appliance Co., Ltd	KH-9903B	AC 250 V, 2,5 A	DIN VDE 0620-1 IEC 60884-1	VDE 40024149
BS Plug	Unirise Electric Wire & Cable Co., Ltd.	UE-324	AC 250 V, 13 A, or 5A, or 3A,	BS 1363 IEC 60884-1	ASTA 941
Alt.	Kenic Electric Mfg. Co., Ltd.	KE-108	AC 250 V, 13 A, or 5A, or 3A,	BS 1363 IEC 60884-1	BSI KM 54019

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Alt.	AWIN WIRE & CABLE CO.,LTD	AW301	AC 250 V, 13 A, or 5A, or 3A,	BS 1363 IEC 60884-1	BSI KM 504558
Alt.	Dongguan Toong Yean plastic Ind. Co., Ltd.	TY-998	AC 250 V, 13 A, or 5A, or 3A,	BS 1363 IEC 60884-1	BSI KM 535718
Alt.	I-Sheng Electric Wire Cable Company Limited	SP-62	AC 250 V, 13 A, or 5A, or 3A,	BS 1363 IEC 60884-1	ASTA 856
Alt.	Friendship Enterprise Int. Ltd.	FE-130P	AC 250 V, 13 A, or 5A, or 3A,	BS 1363 IEC 60884-1	BSI KM 99612
Alt.	MAINLAND ELECTRIC WIRE & CABLE CO.LTD	ML-213	AC 250 V, 5A or 13 A, or 3A,	BS 1363 IEC 60884-1	ASTA 876
Alt.	Guangdong Kai Hua Electric Appliance Co., Ltd	KH-9933	AC 250 V, 3A or 5A or 10A or 13 A	BS 1363 IEC 60884-1	ASTA 1053
Alt.	KDJ Quality Electrical Co., Ltd	KDJ 828, KDJ 868	AC 250 V, 3A or 5A or 10A or 13 A	BS 1363 IEC 60884-1	BSI KM 54583
Italy plug	Toong Yean Plastic Ind. Co., Ltd.	TY-011	AC 250 V, 2,5 A	CEI 23-50-I IEC 60884-1	IMQ CA02.0391 4
Alt.	Toong Yean Plastic Ind. Co., Ltd.	TY-026	AC 250V ,10 A	CEI 23-50-I IEC 60884-1	IMQ CA02.0336 7
Alt.	AWIN WIRE & CABLE CO.,LTD	AW112	AC 250 V, 2,5 A	CEI 23-50-I IEC 60884-1	IMQ CA02.0279 9
Alt.	Unirise Electric Wire & Cable Co., Ltd	UE-211	AC 250 V, 2,5 A	CEI 23-50-I IEC 60884-1	IMQ CA02.0398 3
Alt.	Kenic Electric Mfg Co., Ltd.	KE-39	AC 250 V, 10 A	CEI 23-50-I IEC 60884-1	IMQ EQ366
Alt.	PHINO Electric Co., Ltd.	PHP-205	AC 250 V, 2,5 A	CEI 23-50-I IEC 60884-1	IMQ EA086
Alt.	MAINLAND ELECTRIC WIRE & CABLE CO.LTD	ML-219	AC 250 V, 10 A	CEI 23-50-I IEC 60884-1	IMQ CAO2.056 69
Alt.	MAINLAND ELECTRIC WIRE & CABLE CO.LTD	ML-207	AC 250 V, 2,5 A	CEI 23-50-I IEC 60884-1	IMQ CAO2.056 57

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Power cord	Unirise Electric Wire & Cable Co., Ltd.	H03VVH2-F 60227 IEC 52	2x0,75 mm ² or 2x0,5 mm ² (Length ≤2 m)	IEC 60227-5 EN 50525-2-11	VDE 40017449
Alt.	Awin Wire & Cable Co., Ltd	H03VVH2-F 60227 IEC 52	2x0,75 mm ² or 2x0,5 mm ² (Length ≤2 m)	IEC 60227-5 EN 50525-2-11	VDE 40023114
Alt.	I-Sheng Electric Wire & Cable Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 40006070
Alt.	Dongguan City Xintai Electronic Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 40029231
Alt.	Sheng Yi Electrical Factory	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 40023272
Alt.	Shenzhen Baohing Electric Wire& Cable Manufacture Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 103727
Alt.	Toong Yean Plastic Ind. Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 40024356
Alt.	Shenzhen TongYuan Industrial. Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 101980
Alt.	Longwell Company	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 121253
Alt.	MAINLAND ELECTRIC WIRE&CABLE CO.LTD	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 40010355
Alt.	Guangdong Kai Hua Electric Appliance Co., Ltd	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 40036659
Alt.	Shenzhen Baohing Electric Wire & Cable Manufacture Co., Ltd.	H03VVH2-F 60227 IEC 52	2 x 0,75 mm ² or 2 x 0,5 mm ² (Length ≤ 2 m)	IEC 60227-5 EN 50525-2-11	VDE 103727

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Interlock switch	Zhejiang Zhongxun Electronics Co., Ltd.	KW11-3Z	AC 250 V, 5 A, T85, 5E4, Glow-wire: 850 °C	IEC/EN 61058-1	TÜV R 50058511
Alt.	YUEQING DONGNAN ELECTRONICS CO. LTD.	KW4A(S)-A	AC 250 V, 10 A, T85, 10E3, Glow-wire: 850 °C	IEC/EN 61058-1	VDE 40012206
Alt.	Toneluck Electronics (Huizhou) Co., Ltd.	MQS-14	AC 250 V, 10 A, T125, 1E4, Glow-wire: 850 °C	IEC/EN 61058-1	ENEC NO1758
Alt	Foshan Shunde Yuanfeng Metal Electrical Appliances Co.,Ltd	MS2	10,1(2)A 250V 5E4 T125	IEC/EN 61058-1	TUV 50223406
Alt	Zippy Technology Corp.	SMV	AC250V,6A, T125,1E4	IEC/EN 61058-1	ENEC SE/0033-69
Alt	Toneluck Electro Mechanics (Huizhou) Co., Ltd.	V38	AC250V,5A, T125,5E4, GWT850	IEC/EN 61058-1	ENEC NO.2561
Alt	ZHEJIANG YIBAO TECHNOLOGY CO.,LTD	MAC-1210	8(3)A,250VAC, T125,1E4, GWT850	IEC/EN 61058-1	TUV R5014442 3
Alt	Toneluck Electro-Mechanics (Huizhou) Co., Ltd.	MQS-18	AC 250 V, 5A, 5E4, T125, GWT850	IEC/EN 61058-1	ENEC NO2598
Alt	YUEQING DONGNAN ELECTRONICS CO. LTD.	KW4A(S)	AC 250 V, 5(2)A, T125, 5E4,	IEC/EN 61058-1	VDE 40012206
Alt	XIAMEN HIMAKE TECHNOLOGY CO LTD	SM05	AC 250 V, 5A, T105, 5E4,	IEC/EN 61058-1	ENEC NO.21368 06.04
Motor	X.J	5420 or XJ 14401	230 V, 50/60 Hz, 150 W, class 130	IEC/EN 60335-2-14 IEC/EN 60335-1	Tested with appliance
Y capacitor	Jyh Chung Electronic Co., Ltd.	JY	AC 300 V, Y2, 4700 pF, T85	IEC/EN 60384-14	VDE 123326
X2 capacitor	Dain Electronics Co., Ltd.	MPX/MEX	AC 275 V, X2, 0,1uF, 40/110/21 or 40/100/21	IEC/EN 60384-14	VDE 40018798

IEC 60335-2-14					
Alt.	Shen Zhen SuRong Capacitors Co.,Ltd	MPX/MKP	AC 280 V, X2, 0,1uF, T100	IEC/EN 60384-14	VDE 40008924
Alt.	Tenta Electric Industrial Co., Ltd.	MEX	AC 275V, X2, 0,1uF, T100	IEC/EN 60384-14	VDE 119119
Alt.	Dongguan QinHong (QNR) Electronic Technology Co., Ltd.	MPX	AC 275 V, X2, 0,1 uF, T110	IEC/EN 60384-14	VDE 40047280
Alt.	Jyh Hsu (Jec) Electronics Ltd.	MPX	AC 275 V, X2, 0,1 uF, T110	IEC/EN 60384-14	VDE 40044985
Thermal link of motor	Aupo Electronics Ltd.	P2-F	AC 250 V, 2 A, Tf115 °C, T160	IEC/EN 60691	VDE 40000032
Plastic enclosure, Bottom enclosure, switch push-button	FORMOSA PLASTICS CORP	Yungsox 1120	PP, HB	IEC/EN 60335-2-14 IEC/EN 60335-1	Test with appliance UL E216959
Rear box accessory	TECHMER ENGINEERED SOLUTIONS L L C	ABS GF10	ABS, HB	IEC/EN 60335-2-14 IEC/EN 60335-1	Test with appliance UL E253782
Interlock switch holder	CHANGSHU HENGRUI PLASTIC CO LTD	765A	ABS , V-0	IEC/EN 60335-2-14 IEC/EN 60335-1	Test with appliance UL E365330
Heat shrinkable tube	QIFURUI ELECTRONICS CO	QFR-h	600 V, T125, 94V-0	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E225897
Alt.	SHENZHEN WOER HEAT-SHRINKABLE MATERIAL CO LTD	RSFR-H	125 °C	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E203950
Alt.	SHENZHEN WOLIDA TRADING CO LTD	RSFR-H	AC 600 V, T125	EC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E329530
Internal wire	YONG HAO ELECTRICAL INDUSTRY CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E240426

IEC 60335-2-14					
Alt.	SHENZHEN DONG JU WIRE & CABLE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E189674
Alt.	QIFURUI ELECTRONICS CO	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E211048
Alt.	CHANGZHOU HONG CHANG ELECTRONICS CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E212395
Alt.	DONGGUAN WORLDFUL ELECTRIC WIRE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E317806
Alt.	DONGGUAN EVK ELECTRIC TECHNIQUE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E302679
Alt.	UNIRISE ELECTRIC WIRE & CABLE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E176095
Alt.	JIANGYIN JIANGHAI SPECIAL WIRE & CABLE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E329807
Alt.	DONGGUAN WENCHANG ELECTRONIC CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E214500
Alt.	DONGGUAN CITY JIN ZAO LI ELECTRONIC TECHNOLOGY CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E348531
Alt.	SHENZHEN JINRUIHUA WIRE & CABLE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-1 IEC/EN 60335-2-14	Tested with appliance UL E316944
Alt.	ZHUHAI HENGWANG ELECTRONICS CO LTD	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Tested with appliance UL E314186

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Alt.	Bright Wire & Cable Co., Ltd.	1015	600 V; 22 AWG; 105°C	IEC/EN 60335-2-13 IEC/EN 60335-1	Tested with appliance UL E322506
Alt.	SHENZHEN XINGGUANG ELECTRIC PRODUCT CO LTD	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Tested with appliance UL E315073
Alt.	Shenzhen City De Xing Long Electric Co., Ltd.	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Tested with appliance UL E328945
Alt.	Ran Sun Industrial Co	1015	600 V; 22 AWG; 105°C	IEC 60335-2-14 IEC 60335-1	Test with appliance UL E157882
Alt.	SHENZHEN SHI YIHUAXING ELECTRON CO LTD	1015	600 V, 105 °C, min18AWG,	IEC/EN 60335-2-14 IEC/EN 60335-1	Tested with appliance UL E318553
Alt.	Shiqing Electronics (Huizhou) Co., Ltd.	1015	600 V; 105 °C; 20 AWG	IEC/EN 60335-2-14 IEC/EN 60335-1	Tested with appliance UL E342682
Alt.	Zhongshan Xinsheng Electric Co., Ltd.	1015	600 V; 105 °C; 20 AWG	IEC/EN 60335-2-14 IEC/EN 60335-1	Tested with appliance UL E328303
Alt.	Dongguan Zhihe Electrical Cable Tech Co., Ltd.	1015	600 V; 105 °C; 20 AWG	IEC/EN 60335-2-14 IEC/EN 60335-1	Tested with appliance UL E258239
Alt.	DONGGUAN COOPERATION WIRE&CABLE CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-2-14 IEC/EN 60335-1	Tested with appliance UL E204204
Alt.	DONGGUAN NEW NAM LEE ELECTRICAL CO LTD	1015	600 V, 105°C, min.22AWG	IEC/EN 60335-2-14 IEC/EN 60335-1	Test with appliance UL E216831

Supplementary information:

For the motor 5420 and XJ 14401 is totally identical except for different motor model name.

¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039.

IEC 60335-2-14

30 TABLE: Resistance to heat and fire																			
Object/ part No.	Manufacturer/ trademark	Type/ model	Ball pressure test °C				Glow wire test (GWT) °C				Glow-wire flammability index (GWFI) °C				Glow- wire ignition temp. (GWIT) °C		Needle - flame test (NFT)	Verdict	
			75	125	cl. 11 +40	cl. 19 +25	550	650		750		850	550	650	750	850			675
							te		ti										
switch	XIAMEN HIMAKE TECHNOLOGY CO LTD	SM05					x												P
x capacit or*	Tenta Electric Industrial Co., Ltd.	MEX					x												P

Supplementary information:

- 1) Parts of material classified at least HB40 or if relevant HBF
- 2) Parts of material classified as V-0 or V-1
- 3) Flame persisting longer than 2 s (= te – ti) need only be reported for unattended appliances
- 4) Surrounding parts subjected to the needle-flame test of annex E
- 5) Base material classified as V-0 or if relevant VTM-0
- 6) The GWIT pre-selection option, the 850 °C GWFI pre-selection option, and the 850 °C GWT are not applicable for attended appliances

*only recorded most unfavourable condition for alternative components

--- End of Report ---

EN 60335-1: 2012 /A13: 2017			
Clause	Requirement - Test	Result - Remark	Verdict

ATTACHMENT TO TEST REPORT EN 60335-1 Household and similar electrical appliances – Safety – Part 1: General requirements	
Differences according to.....:	EN 60335-1: 2012 /A13: 2017
Attachment Form No.:	EN 60335_1
Attachment Originator	SGS-CSTC
Master Attachment	Date 2018-01

Annex ZC	Replace Annex ZC of EN 60335-1:2012	P
Replace Annex ZZ of EN 60335-1:2012 with Annex ZZA& ZZB		P
Annex ZZA	(informative) Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered	P
Annex ZZB	(informative) Relationship between this European standard and the essential requirements of Directive 2006/42/EC aimed to be covered	N/A

--End of this Attachment--

Attachment 7

EN 60335-2-14:2006/A12: 2016			
Clause	Requirement - Test	Result - Remark	Verdict

ATTACHMENT OF TEST REPORT IEC 60335-2-14 Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines	
Differences according to:	EN 60335-2-14:2006/A12: 2016
Attachment Form No.:	EN 60335_2_14/A12
Attachment Originator:	SGS-CSTC
Master Attachment:	2016-07

Attachment 7

EN 60335-2-14:2006/A12: 2016			
Clause	Requirement - Test	Result - Remark	Verdict
5.2	<i>Addition:</i>		—
	The tests of 21.Z101 are carried out on separate appliances.”		N/A
	<i>Note 101</i> Three additional coffee mills and grain grinders are required for the test of 19.102.		N/A
	<i>NOTE 102</i> The additional test of 25.14 is carried out on a separate appliance.		N/A
7	Marking		—
7.10	<i>Replace the text of Part 1 “Devices used to start/stop operational ... or position, etc.” by the following:</i>		—
	<i>The accessible switch required by 22.40 shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc.</i>		N/A
7.12	Modification:		—
	<i>Delete the third and fourth paragraph of Part 1 “The instructions shall include the substance of the following: ... children without supervision.</i>		P
	Addition		—
	The instructions shall include the substance of the following:		P
	Always disconnect the appliance from the supply if it is left unattended and before assembling, disassembling or cleaning.		P
	The instructions for bean slicers, berry-juice extractors, blenders and hand-held blenders churns, centrifugal juicers, coffee mills, food mixers, food processors , grain grinders, knife sharpeners, knives, mincers , noodle makers, potato peelers, shredders, sieving machines and slicing machines shall include the substance of the following:		P
	This appliance shall not be used by children. Keep the appliance and its cord out of reach of children.		P
	The instructions for can openers, citrus-fruit squeezers, cream whippers, egg beaters, graters and ice-cream machines shall include the substance of the following:		N/A
	This appliance can be used by children aged from 8 years and above if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved. Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised. Keep the appliance and its cord out of reach of children aged less than 8 years.		N/A

Attachment 7

EN 60335-2-14:2006/A12: 2016			
Clause	Requirement - Test	Result - Remark	Verdict
	The instructions shall also include the substance of the following:		P
	Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved.		P
	Children shall not play with the appliance.		P
11	Heating		—
11.8	<i>Modification</i>		—
	<i>Replace the first sentence of Part 1 by the following:</i>		—
	<i>During the test, the temperature rises are monitored continuously and shall not exceed the values shown in Table 3 and Table Z101”.</i>		P
	<i>In Table 3, delete the row “External enclosure of motor-operated appliances, except handles held in normal use” and the corresponding footnotes.</i>		P
	<i>Add the following Table Z101.</i>		P
20	Stability and mechanical hazards		—
20.2	Add the following before the last sentence of the compliance clause:		—
	<i>The test probe B is not applied to:</i>		N/A
	<ul style="list-style-type: none"> a) bean slicers; b) can openers; c) citrus juice squeezers; d) food mixers; e) hand-held blenders; f) ice-cream machines, including those for use in refrigerators and freezers; g) knife sharpeners; h) knives; i) potato peelers; j) sieving machines; k) slicing machines; l) the following parts of other appliances: <ul style="list-style-type: none"> 1) smooth shafts having a diameter not exceeding 8 mm, rotating at a speed not exceeding 1 500 r/min and driven by motors having an input not exceeding 200 W; 2) outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 r/min; 3) projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm. 	<i>outlet side of shredding disk</i>	P

Attachment 7

EN 60335-2-14:2006/A12: 2016			
Clause	Requirement - Test	Result - Remark	Verdict
	<i>NOTE Z101 Accessible drive shafts that may not be in use when the appliance is in operation may be protected by means of a collar or by being positioned in a recess.</i>		N/A
	<i>The test probe 18 is not applied to:</i>		—
	<ul style="list-style-type: none"> <i>a) bean slicers;</i> <i>b) berry-juice extractors;</i> <i>c) blenders and hand-held blenders;</i> <i>d) can openers;</i> <i>e) citrus juice squeezers;</i> <i>f) centrifugal juicers;</i> <i>g) coffee mills not exceeding 500 g hopper capacity;</i> <i>h) churns;</i> <i>i) food mixers;</i> <i>j) food processors;</i> <i>k) grain grinders not exceeding 3 l hopper capacity;</i> <i>l) ice-cream machines, including those for use in refrigerators and freezers;</i> <i>m) knife sharpeners;</i> <i>n) knives;</i> <i>o) mincers;</i> <i>p) noodle makers;</i> <i>q) potato peelers;</i> <i>r) shredders;</i> <i>s) sieving machines;</i> <i>t) slicing machines;</i> <i>u) the following parts of other appliances:</i> <ul style="list-style-type: none"> <i>1) smooth shafts having a diameter not exceeding 8 mm, rotating at a speed not exceeding 1 500 r/min and driven by motors having an input not exceeding 200 W;</i> <i>2) outlet sides of grating and shredding disks rotating at a speed not exceeding i. 1 500 r/min;</i> <i>3) projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm.</i> 	Shredder and berry-juice extractors	P
21	Mechanical strength		—
	<i>Additional subclause:</i>		—
21.Z101	<i>Hand-held appliances are subjected to the following test:</i>		N/A
	<i>The appliance is put on an horizontal surface 700 mm above a rigidly supported hardwood board and operated while supplied at rated voltage until normal load conditions are reached.</i>		N/A
	<i>It is then allowed to drop freely. The test is carried out three times, the appliance being held in different positions likely to occur. Each test shall be done on a new appliance.</i>		N/A

Attachment 7

EN 60335-2-14:2006/A12: 2016			
Clause	Requirement - Test	Result - Remark	Verdict
	<i>The appliance shall not be damaged to such an extent that compliance with this standard, in particular with Clauses 8 and 29, is impaired.</i>		N/A

---End of the Attachment---