

Prüfbericht-Nr.: <i>Test Report No.:</i>	16054508 015	Auftrags-Nr.: <i>Order No.:</i>	174052207	Seite 1 von 1 Page 1 of 1
Kunden-Referenz-Nr.: <i>Client Reference No.:</i>	N/A	Auftragsdatum: <i>Order date:</i>	04.07.2016	
Auftraggeber: <i>Client:</i>				
Prüfgegenstand: <i>Test item:</i>	Blender			
Bezeichnung / Typ-Nr.: <i>Identification / Type No.:</i>	See model list on page 6 of test report			
Auftrags-Inhalt: <i>Order content:</i>	GS-mark			
Prüfgrundlage: <i>Test specification:</i>	EN 60335-1:2012+A11:2014, EN 60335-2-14:2006+A1+A11 EN 62233:2008 AfPS GS 2014:01			
Wareneingangsdatum: <i>Date of receipt:</i>	04.07.2016	Detaillierte Fotodokumentation siehe Anlage zu diesem Bericht Detailed photo documentation see appendix to this report		
Prüfmuster-Nr.: <i>Test sample No.:</i>	WTF16F0346232S			
Prüfzeitraum: <i>Testing period:</i>	04.07.2016 – 12.09.2016			
Ort der Prüfung: <i>Place of testing:</i>	See page 3 of test report			
Prüflaboratorium: <i>Testing laboratory:</i>	TÜV Rheinland (Guangdong) Ltd.			
Prüfergebnis*: <i>Test result*:</i>	Pass			
geprüft von / tested by:		kontrolliert von / reviewed by:		
2016.09.13 Johnny Cao/Engineer		2016.09.13 Dono Zhou/Reviewer		
Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>	Unterschrift <i>Signature</i>	Datum <i>Date</i>	Name / Stellung <i>Name / Position</i>
Sonstiges / Other: This report consists of 1 page cover page and 14 pages of test report and 8 pages of Photo Document and 2 pages Annex 1 of PAHS risk assessment. The standards listed on cover page in conjunction with the risk analysis can comply with Annex I of Council directive 2014/35/EU.				
Zustand des Prüfgegenstandes bei Anlieferung: <i>Condition of the test item at delivery:</i>		Prüfmuster vollständig und unbeschädigt <i>Test item complete and undamaged</i>		
* Legende: 1 = sehr gut 2 = gut 3 = befriedigend 4 = ausreichend 5 = mangelhaft P(ass) = entspricht o.g. Prüfgrundlage(n) F(ail) = entspricht nicht o.g. Prüfgrundlage(n) N/A = nicht anwendbar N/T = nicht getestet Legend: 1 = very good 2 = good 3 = satisfactory 4 = sufficient 5 = poor P(ass) = passed a.m. test specification(s) F(ail) = failed a.m. test specification(s) N/A = not applicable N/T = not tested				
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

Test Report issued under the responsibility of:



TEST REPORT

IEC 60335-2-14

Household and similar electrical appliances – Safety – Part 2-14: Particular requirements for kitchen machines

Report Number. : See Cover Page

Date of issue : See Cover Page

Total number of pages 14

Applicant's name : See Cover Page

Address : See Cover Page

Test specification:

Standard : IEC 60335-2-14:2006 (Fifth Edition) + A1:2008 in conjunction with
IEC 60335-1:2010 (Fifth Edition)

Test procedure : TUV GS

Non-standard test
method : N/A

Test Report Form No. : IEC60335_2_14M

Test Report Form(s) Originator : CQC

Master TRF : Dated 2012-12

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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 : Blender

Trade Mark : N/A

Manufacturer : Same As Applicant

Model/Type reference : See model list on page 6

Ratings : 220-240V~, 50/60Hz, class II, IPX0, rated input power see model
list on page 6

Testing procedure and testing location:		
☒	CB Testing Laboratory:	See Cover Page
Testing location/ address		See Cover Page
☐	Associated CB Laboratory:	
Testing location/ address		
Tested by (name + signature).....:		See Cover Page
Approved by (name + signature) ..:		See Cover Page
☐	Testing procedure: TMP	
Testing location/ address		
Tested by (name + signature).....:		
Approved by (name + signature) ..:		
☐	Testing procedure: WMT	
Testing location/ address		
Tested by (name + signature).....:		
Witnessed by (name + signature) ..:		
Approved by (name + signature) ..:		
☐	Testing procedure: SMT	
Testing location/ address		
Tested by (name + signature).....:		
Approved by (name + signature) ..:		
Supervised by (name + signature) :		
☐	Testing procedure: RMT	
Testing location/ address		
Tested by (name + signature).....:		
Approved by (name + signature) ..:		
Supervised by (name + signature) :		

List of Attachments (including a total number of pages in each attachment):

See Cover Page

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

1. The samples are tested and found to be complied with the requirements of standards listed on cover page.
2. Clause 7, 8, 20, 21, 22, 24 and 29 were considered for all new models.
3. For EMF requirements, all required tests have been performed and passed. Please refer to the previous report 16054508 001 to 014.

Testing location:

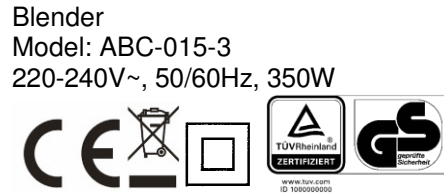
Waltek Services (Foshan) Co., Ltd.
No. 13-19, 2/F, 2nd Building, Sunlink International Machinery City, Chencun Town, Shunde District, Foshan, Guangdong, P.R. China

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

EN 60335-1:2012+A11:2014; EN 60335-2-14:2006+A1+A11; EN 62233:2008; AfPS GS 2014:01

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.



Zhongshan Lingxian Appliance Co., Ltd.
No. 101, Xinfeng Nan Road Huangpu Town Zhongshan, Guangdong
P. R. China

Marking for other models are same as ABC-015-3 except different model name and rated input power.

Test item particulars :	
Classification of installation and use	Portable appliance and household indoor use
Supply Connection	Power cord with a non-detachable plug, 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.....	04.07.2016
Date (s) of performance of tests	04.07.2016 – 12.09.2016
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. Remark: - The test report is based on report 16054508 001 to 014 for below items: (1) Adding new models ABC-015-3N, ABC-015-1N, ABC-017. (2) Adding alternative glass blender cup for all models, the alternative glass blender cup with same capacity with the original cup, see photo for detail. - Construction for all alternative components listed in table 24.1 was considered in this report. - The requirements of AfPS GS 2014:01 have been considered in this report. The risk analysis, categorization and evaluation indicate that the product complies to AfPS GS 2014:01. - All related EK1 decisions were considered in this test report. - Foreseeable use was considered. Currently neither a safeguard clause procedure has been invoked nor is an increase in accidents known for these products.	
Manufacturer's Declaration per sub-clause 6.2.5 of IEC60335-2-14: The application for obtaining a CB Test Certificate ☐ Yes includes more than one factory location and a ☒ Not applicable declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided :	
When differences exist; they shall be identified in the General product information section.	

Name and address of factory (ies)

General product information:

1. The blender is class II appliance intended for household and indoor use only.
2. See below table for detail of all models differences (total 12 models).
3. More information can be found in previous report 16054508 001 to 014.

Model number	Original Model	Rated Input Voltage and Frequency	Rated Input Power	Difference
1	ABC-015	220-240V~, 50/60Hz	250W	--
2	ABC-014	220-240V~, 50/60Hz	250W	Same as model ABC-015 except that model ABC-014 has another metal enclosure outside of ABC-015's plastic enclosure.
3	ABC-014A	220-240V~, 50/60Hz	250W	Same as model ABC-014 except the shape of the switch button.
4	ABC-015-3	220-240V~, 50/60Hz	350W	Same as model ABC-015 except different motor and with two blades and two cups.
5	ABC-015-1	220-240V~, 50/60Hz	350W	Same as model ABC-014 except different motor and with two blades and two cups.
6	ABC-014A-3	220-240V~, 50/60Hz	350W	Same as model ABC-014A except different motor and with two blades and two cups.
7	ABC-014B-3	220-240V~, 50/60Hz	350W	Same as model ABC-014A-3 except shape of switch button.
8	ABC-014C-3	220-240V~, 50/60Hz	350W	Same as model ABC-014A-3 except shape of switch button.
9	ABC-015A-3	220-240V~, 50/60Hz	350W	Same as model ABC-015-3 except shape of switch button.
Model number	New model	Rated Input Voltage and Frequency	Rated Input Power	Difference
10	ABC-015-3N	220-240V~, 50/60Hz	350W	Same as model ABC-015A-3 except without switch button.
11	ABC-015-1N	220-240V~, 50/60Hz	350W	Same as model ABC-015-1 except without switch button.
12	ABC-017	220-240V~, 50/60Hz	350W	Same as model ABC-015A-3 except different appearance.

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Clause	Requirement - Test	Result - Remark	Verdict

7	MARKING AND INSTRUCTIONS	P
8	PROTECTION AGAINST ACCESS TO LIVE PARTS	P
20	STABILITY AND MECHANICAL HAZARDS	P
21	MECHANICAL STRENGTH	P
22	CONSTRUCTION	P
24	COMPONENTS	P
29	CLEARANCES, CREEPAGE DISTANCES AND SOLID INSULATION	P

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24.1	TABLE: Components					P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s)of conformity	
Plug	Guangdong KaiHua Electric Appliance Co., Ltd	KH-9903B	AC 250V, 2.5A	VDE 0620-1	VDE 40024149	
Alternative	Zhongshan Guzhen Hongli Cable & Appliance Factory	HL-6	AC 250V, 2.5A	VDE 0620-1	VDE 40009738	
Alternative	Shenzhen Nanfang Electronic Product Co., Ltd.	NF-004	AC 250V, 2.5A	VDE 0620-1	VDE 40033811	
BS plug(with 3A or 5A or 10A or 13A current fuse)	Guangdong KaiHua Electric Appliance Co., Ltd	KH-9933	AC 250V, 3A	BS 1363-1	ASTA 1053	
Alternative	Zhongshan Guzhen Hongli Cable & Appliance Factory	HL-17	AC 250V, 3A	BS 1363-1	ASTA 882	
Alternative	Dongguan Marsh Electric Appliance Co.,Ltd	1908	AC 250V , 13A	BS 1363-1	ASTA 1237	
Alternative	Dongguan Marsh Electric Appliance Co.,Ltd	1906	AC 250V , 13A	BS 1363-1	ASTA 1237	
Alternative	Dongguan Dechang Electronic Co.,Ltd	DC-168A	AC 250V , 13A	BS 1363-1	ASTA 846	
Power cord	Guangdong KaiHua Electric Appliance Co., Ltd	H03VVH2-F	2x0.5mm ² (length≤2m)	EN 50525-2-11	VDE 40001903	
Alternative	Zhongshan Guzhen Hongli Cable & Appliance Factory	H03VVH2-F	2x0.5mm ² (length≤2m)	EN 50525-2-11	VDE 139259	
Alternative	Shenzhen Nanfang Electronic Product Co., Ltd.	H03VVH2-F	2x0.5mm ² (length≤2m)	EN 50525-2-11	VDE 40033283	
Micro switch	Guangdong Hushun Electrical Appliance Co., Ltd.	LXW-5-1-2	AC 250V, 5A, T125, 1E4	EN 61058-1	TUV R50156816 Tested with appliance	
Alternative	Guangdong Yushun Electric Appliance Ltd.	KW-5	AC 250V, 5(3)A, T125, 5E4	EN 61058-1	TUV R50179582	

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Motor (for ABC-015, ABC-014, ABC- 014A)	Zhongshan Lingxian Appliance Co., Ltd.	HC-6325	AC 230V, 250W, Class 155(F)	EN 60335-1 EN 60335-2-14	Tested with appliance
Motor (for ABC-015-3, ABC-015-1, ABC-014A-3, ABC-014B-3, ABC-014C-3, ABC-015A-3, ABC-015-3N, ABC-015-1N ABC-017)	Zhongshan Lingxian Appliance Co., Ltd.	HC-6320	AC 230V, 350W, Class 155(F)	EN 60335-1 EN 60335-2-14	Tested with appliance
Motor winding	HESHAN CITY TEHSING HUANCHIU ELECTRIC CABLE CO LTD	QZY-1/180	180°C	--	UL E242554
Motor protector (for ABC-015, ABC-014, ABC- 014A)	Changzhou Ainuo Electronics Technical Co., Ltd.	17AMC+PTC	AC250V, T180, Tf105°C	EN 60730-1 EN 60730-2-2	VDE 40030705
Thermal link (for ABC-015-3, ABC-015-1, ABC-014A-3, ABC-014B-3, ABC-014C-3, ABC-015A-3, ABC-015-3N, ABC-015-1N, ABC-017)	NEC SCHOTT Components Corporation	SF 119 E	AC250V, 10A, Tf:121°C	EN 60730-1 EN 60730-2-2	VDE 40006568
Motor protector (for motor of model ABC-015- 3, ABC-015-1, ABC-014A-3, ABC-014B-3, ABC-014C-3, ABC-015A-3, ABC-015-3N, ABC-015-1N , ABC-017)	Changzhou Ainuo Electronics Technical Co., Ltd.	17AMC+PTC	AC250V, T180, Tf105°C	EN 60730-1 EN 60730-2-2	VDE 40030705
X capacitor (for ABC-015, ABC-014, ABC- 014A)	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	AC 280V, 0.47uF, X2, T100	EN 60384-14	VDE 40008924

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X capacitor (for ABC-015-3, ABC-015-1, ABC-014A-3, ABC-014B-3, ABC-014C-3, ABC-015A-3, ABC-015-3N, ABC-015-1N, ABC-017)	Shenzhen Su Rong Capacitors Co., Ltd.	MPX/MKP	AC 280V, 0.1uF, X2, T100	EN 60384-14	VDE 40008924
Y capacitor	Jyh Chung Electronic Co., Ltd.	JY	AC 400V, 2200pF, T85	EN 60384-14	VDE 123326
Closed-end connector	HEAVY POWER CO LTD	CE2	300V, 105°C	EN 60335-1 EN 60335-2-14	UL E113650 Tested with appliance
Plastic base	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	K1011	PP	EN 60335-1 EN 60335-2-14	UL E162823 Tested with appliance
Knob of switch, Switch support, Plastic enclosure	FORMOSA CHEMICALS & FIBRE CORP PLASTICS DIV	AG15A1	ABS	EN 60335-1 EN 60335-2-14	UL E162823 Tested with appliance
Switch connection rod	STYRON EUROPE GMBH	600	PC	EN 60335-1 EN 60335-2-14	UL E157291 Tested with appliance
Motor support	RHODIA ENGINEERING PLASTICS	C 30H1 V30	PA6+30GF	EN 60335-1 EN 60335-2-14	UL E44716 Tested with appliance

Other Components

Components which are required for performance purposes and/or not directly addressed by a component standard or product standard: capacitors, resistors, mosfets, internal wire, PCB, etc.

Object/part No.	Type/ model (optional)	Technical data	Compliance to
Internal wire	H05SJ-K	1x0.5mm ² , 180°C	VDE approved
Internal wire	1015	600V, 105°C, 22AWG	UL approved

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

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800	0,2* / 0,5 / 0,8**	—	—	—	—	N/A
1 500	0,5 / 0,8** / 1,0***	—	—	—	—	N/A
2 500	1,5 / 2,0***	2.3	5.5	—	3.5	P
4 000	3,0 / 3,5***	—	—	8.0	—	P
6 000	5,5 / 6,0***	—	—	—	—	N/A
8 000	8,0 / 8,5***	—	—	—	—	N/A
10 000	11,0 / 11,5***	—	—	—	—	N/A
Supplementary information:						
*) For tracks on printed circuit boards if pollution degree 1 and 2						
**) For pollution degree 3						
***) If the construction is affected by wear, distortion, movement of the parts or during assembly						
Remark:						
Basic: Between live part and motor metal core: cl=2.3mm;						
Supplementary: Between internal wire and accessible plastic enclosure junction: cl=5.5mm;						
Reinforced: Between live parts and accessible plastic enclosure: cl=8.0mm;						
Functional: Between L/N polarity on switch: cl=3.5mm;						

29.2	TABLE: Creepage distances, basic, supplementary and reinforced insulation										P
Working voltage (V)	Creepage distance (mm) Pollution degree							Type of insulation			
	1	2			3						
		Material group			Material group						
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*)	B**)	S**)	R**)	Verdict
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9		—	—	N/A
≤50	0,18	0,6	0,85	1,2	1,5	1,7	1,9	—		—	N/A
≤50	0,36	1,2	1,7	2,4	3,0	3,4	3,8	—	—		N/A
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4		—	—	N/A
125	0,28	0,75	1,05	1,5	1,9	2,1	2,4	—		—	N/A
125	0,56	1,5	2,1	3,0	3,8	4,2	4,8	—	—		N/A
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	2.3	—	—	P
NOTE 1 Lacquered conductors of windings are considered to be bare conductors, but creepage distances need not be greater than the associated clearance specified in Table 16 taking into account 29.1.1.											
250	0,56	1,25	1,8	2,5	3,2	3,6	4,0	—	6.5	—	P
250	1,12	2,5	3,6	5,0	6,4	7,2	8,0	—	—	8.5	P
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3		—	—	N/A
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3	—		—	N/A

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400	2,0	4,0	5,6	8,0	10,0	11,2	12,6	—	—		N/A
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0		—	—	N/A
500	1,3	2,5	3,6	5,0	6,3	7,1	8,0	—		—	N/A
500	2,6	5,0	7,2	10,0	12,6	14,2	16,0	—	—		N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0		—	—	N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	—		—	N/A
>630 and ≤800	3,6	6,4	9,0	12,6	16,0	18,0	20,0	—	—		N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5		—	—	N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	—		—	N/A
>800 and ≤1000	4,8	8,0	11,2	16,0	20,0	22,0	25,0	—	—		N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0		—	—	N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	—		—	N/A
>1000 and ≤1250	6,4	10,0	14,2	20,0	25,0	28,0	32,0	—	—		N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0		—	—	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	—		—	N/A
>1250 and ≤1600	8,4	12,6	18,0	25,0	32,0	36,0	40,0	—	—		N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0		—	—	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	—		—	N/A
>1600 and ≤2000	11,2	16,0	22,0	32,0	40,0	44,0	50,0	—	—		N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0		—	—	N/A
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	—		—	N/A
>2000 and ≤2500	15,0	20,0	28,0	40,0	50,0	56,0	64,0	—	—		N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0		—	—	N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	—		—	N/A
>2500 and ≤3200	20,0	25,0	36,0	50,0	64,0	72,0	80,0	—	—		N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0		—	—	N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	—		—	N/A
>3200 and ≤4000	25,0	32,0	44,0	64,0	80,0	90,0	100,0	—	—		N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0		—	—	N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	—		—	N/A
>4000 and ≤5000	32,0	40,0	56,0	80,0	100,0	112,0	126,0	—	—		N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0		—	—	N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	—		—	N/A
>5000 and ≤6300	40,0	50,0	72,0	100,0	126,0	142,0	160,0	—	—		N/A

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>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0		—	—	N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	—		—	N/A
>6300 and ≤8000	50,0	64,0	90,0	126,0	160,0	180,0	200,0	—	—		N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0		—	—	N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	—		—	N/A
>8000 and ≤10000	64,0	80,0	112,0	160,0	200,0	220,0	250,0	—	—		N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0		—	—	N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	—		—	N/A
>10000 and ≤12500	80,0	100,0	142,0	200,0	250,0	280,0	320,0	—	—		N/A

Supplementary information:

*) Material group IIIb is allowed if the working voltage does not exceed 50 V

**) B = Basic insulation, S = Supplementary insulation, R = Reinforced insulation

Remark:

Basic: Between live part and motor metal core: cr=2.3mm;

Supplementary: Between internal wire and accessible plastic enclosure junction: cr=6.5mm;

Reinforced: Between live parts and accessible plastic enclosure: cr=8.5mm;

29.2	TABLE: Creepage distances, functional insulation							P
Working voltage (V)	Creepage distance (mm) Pollution degree							
	1	2			3			
		Material group			Material group			
		I	II	IIIa/IIIb	I	II	IIIa/IIIb*)	Verdict / Remark
≤10	0,08	0,4	0,4	0,4	1,0	1,0	1,0	N/A
50	0,16	0,56	0,8	1,0	1,4	1,6	1,8	N/A
125	0,25	0,71	1,0	1,4	1,8	2,0	2,2	N/A
250	0,42	1,0	1,4	2,0	2,5	2,8	3,2	P
400	0,75	1,6	2,2	3,2	4,0	4,5	5,0	N/A
500	1,0	2,0	2,8	4,0	5,0	5,6	6,3	N/A
>630 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	N/A
>800 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	N/A
>1000 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	N/A
>1250 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	N/A
>1600 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	N/A

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>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	N/A
>2500 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	N/A
>3200 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	N/A
>4000 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	N/A
>5000 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	N/A
>6300 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	N/A
>8000 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	N/A
>10000 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	N/A

Supplementary information:

*) Material group IIIb is allowed if the working voltage does not exceed 50 V

Remark:

Functional: Between L/N polarity on switch: cr=3.5mm

---End of report---

Annex 1: Information from GS test center

Material list for PAH risk assessment; Only materials accessible without tools

Product designation: Blender model: See test report

Certificate No.: S1 50262790 0006

Test report No.: 16054508 015

For PAH relevant material/components only!

Material / Component #	Location / Function of the material	Name / Description of the material	PAH relevant 1)	Evidence attached. Institute, report no., date	Category	Smell	Rigidity	Colour	Correction of data by test center? 1)	Chem. test needed?	Test result (within the given limits)	Attachement
1	Plastic enclosure	White plastic shell, Orange plastic, Black plastic, Green plastic, Grey plastic, Red plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☐ 1 ☐ 2 ☒ 3	☐ Yes ☒ No	☐ Soft ☐ Flexible ☒ Rigid	☒ Black or dark-colored ☐ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
2	Button of switch	White plastic, Green plastic, Red plastic, Grey plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☐ 1 ☒ 2 ☐ 3	☐ Yes ☒ No	☐ Soft ☐ Flexible ☒ Rigid	☒ Black or dark-colored ☐ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
3	Container	Green plastic, Orange plastic, Black plastic, Green plastic, Grey plastic, Red plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☒ 1 ☐ 2 ☐ 3	☐ Yes ☒ No	☐ Soft ☐ Flexible ☒ Rigid	☒ Black or dark-colored ☐ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
4	Cover of container	Orange plastic, Green plastic, Grey plastic, Rose red plastic, White soft plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☒ 1 ☐ 2 ☐ 3	☐ Yes ☒ No	☐ Soft ☐ Flexible ☒ Rigid	☒ Black or dark-colored ☐ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
5	Plastic base	Black plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☐ 1 ☐ 2 ☒ 3	☐ Yes ☒ No	☐ Soft ☐ Flexible ☒ Rigid	☒ Black or dark-colored ☐ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
6	Blade holder	Black plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☐ 1 ☐ 2 ☒ 3	☐ Yes ☒ No	☐ Soft ☐ Flexible ☒ Rigid	☒ Black or dark-colored ☐ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
7	Foot	White soft plastic, Black soft plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☐ 1 ☐ 2 ☒ 3	☐ Yes ☒ No	☒ Soft ☐ Flexible ☐ Rigid	☒ Black or dark-colored ☐ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
8	Seal ring	White soft plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☒ 1 ☐ 2 ☐ 3	☐ Yes ☒ No	☒ Soft ☐ Flexible ☐ Rigid	☐ Black or dark-colored ☒ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
9	Circle on cover of container	Translucence soft plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☒ 1 ☐ 2 ☐ 3	☐ Yes ☒ No	☒ Soft ☐ Flexible ☐ Rigid	☐ Black or dark-colored ☒ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1
10	Plug	White soft plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☐ 1 ☐ 2 ☒ 3	☐ Yes ☒ No	☒ Soft ☐ Flexible ☐ Rigid	☐ Black or dark-colored ☒ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.0 1

Material / Component #	Location / Function of the material	Name / Description of the material	PAH relevant 1)	Evidence attached. Institute, report no., date	Category	Smell	Rigidity	Colour	Correction of data by test center? 1)	Chem. test needed?	Test result (within the given limits)	Attachement
11	Jacket	White soft plastic	☒ Yes ☐ No	TUV SUD report No. 68.165.15.2416.01 Dated 2016-01-11	☐ 1 ☐ 2 ☒ 3	☐ Yes ☒ No	☒ Soft ☐ Flexible ☐ Rigid	☐ Black or dark-colored ☒ White or light-colored	☐ No ☒ Yes	☐ No ☒ Yes	☒ passed ☐ failed	TUV SUD report 68.165.15.2416.01

1) Please fill out the table only if the general risk assessment indicates PAH relevance

2) Applicant data from Annex 1

Assessed by *name*

Place TÜV Rheinland (Guangdong) Ltd., Date 2016.09.13

Johnny Cao
(Test engineers signature) 

Risk assessment for the above mentioned product indicates PAH relevance :

☐ Yes ¹⁾

☒ No

☒ Short statement

AfPS GS 2014:01 considered, all relevant materials listed.
Product complies to AfPS GS 2014:01