TEST REPORT

IEC 60335-2-14

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

Report Number..... :	64.110.18.00198.26
Date of issue ..... :	2022-05-12
Total number of pages ..... :	123
Name of Testing Laboratory preparing the Report ..... :	TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch
Applicant's name ..... :	GUANG DONG XINBAO ELECTRICAL APPLIANCES HOLDINGS CO., LTD
Address ..... :	Zhenghe South Road, Leliu Town, Shunde District, 528322 Foshan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA
Test specification:	
Standard ..... :	IEC 60335-2-14:2006 (Fifth Edition) + A1:2008 + A2:2012 used in conjunction with IEC 60335-1:2010 (Fifth Edition) incl. Corr. 1:2010 and Corr. 2:2011 + A1:2013
Test procedure..... :	CE-LVD and UKCA making
Non-standard test method..... :	N/A
Test Report Form No. ..... :	IEC60335_2_14O
Test Report Form(s) Originator.... :	CQC
Master TRF ..... :	Dated 2015-07

If this Test Report Form is used by non-IECEE members, the IECEE/IEC logo and the reference to the CB Scheme procedure shall be removed.

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

General disclaimer:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing CB Testing Laboratory. The authenticity of this Test Report and its contents can be verified by contacting the NCB, responsible for this Test Report.

Test item description .....:	Blender
Trade Mark .....:	Xin Bao
Manufacturer.....:	Same as applicant
Model/Type reference .....:	BL9000C-GS, BL9000-GS, BL9000D-GS, BL9000A-GS, BL9702-GS, BL9000E-GS, BL9000B-GS, BL9000F-GS, BL9702AB-GS, BL9703-GS, BL9703A-GS, BL9702A-GS, BL9702D-GS, BL9703D-GS, BL9703-CE, BL9000BA-GS, BL9002A-GS, BL9002AB-GS, BL9002C-GS, BL9703AK-GS, BL9000AB-CB, BL9703BA-GS, BL9703AD-CB, BL9000BC-GS, BL9002AC-GS, BL9703BB-GS, BL9703BC-CE, BL9006-GS, BL9006A-GS, BL9002AD-GS, BL9703H-GS, BL9702I-GS, BL9002AE-GS, BL9703AE-GS, BL9702P-GS, BL9703N-GS, BL9003-GS, BL9006AC-GS, BL9702AC-GS, BL9702IA-CE, BL9000FA-GS, BL9703R-CE, BL9702PA-GS, BL9002CA-GS, BL9006AD-GS, BL9008-GS, BL9006AI-GS, BL9702J-GS, BL9706C-GS, BL9006AL-GS, BL9703U-GS, BL9703AF-GS, BL9000DE-GS, BL9000AH-GS
Ratings .....:	220-240V~, 50-60 Hz or 50Hz, Class II, IPX0 800W for BL9702I-GS, BL9002AE-GS, BL9703AE-GS, BL9702P-GS, BL9703N-GS, BL9702IA-CE, BL9702PA-GS, BL9706C-GS, BL9703AF-GS 700W for BL9703BB-GS, 600W for BL9000FA-GS, 550W for BL9000C-GS, 500W for other models

Responsible Testing Laboratory (as applicable), testing procedure and testing location(s):			
☒	**Testing Laboratory:**	TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch	
Testing location/ address ..... :		5F, Communication Building, 163 Pingyun Rd, Huangpu Ave. West, Guangzhou 510656, P. R. China	
☐	**Associated CB Testing Laboratory:**		
Testing location/ address ..... :			
Tested by (name, function, signature) ..... :		Ricky Zeng Project Handler	
Approved by (name, function, signature) .. :		Relly Ren Designated Reviewer	
☐	**Testing procedure: CTF Stage 1:**		
Testing location/ address ..... :			
Tested by (name, function, signature) ..... :			
Approved by (name, function, signature) .. :			
☐	**Testing procedure: CTF Stage 2:**		
Testing location/ address ..... :			
Tested by (name + signature) ..... :			
Witnessed by (name, function, signature). :			
Approved by (name, function, signature) .. :			
☐	**Testing procedure: CTF Stage 3:**		
☐	**Testing procedure: CTF Stage 4:**		
Testing location/ address ..... :			
Tested by (name, function, signature) ..... :			
Witnessed by (name, function, signature). :			
Approved by (name, function, signature) .. :			
Supervised by (name, function, signature) :			

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

Attachment No. 1: 20 pages of IEC 60335-1:2010/A2:2016 and EU Group differences according to EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019+A15:2021.

Attachment No. 2: 17 pages of EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES according to EN 60335-2-14:2006+A1:2008+A11:2012+ A12:2016 used in conjunction with EN 60335-1:2012+A11:2014+A13:2017, EN 62233:2008.

Attachment No. 3: 109 pages of photo documentation.

Summary of testing:

Tests performed (name of test and test clause):	**Testing location:**
EN 60335-1:2012+A11:2014+A13:2017+A1:2019 +A14:2019+A2:2019+A15:2021 EN 60335-2-14:2006+A1:2008+A11:2012 +A12:2016 EN 62233:2008 The submitted samples were found to comply with the above specification.	TÜV SÜD Certification and Testing (China) Co., Ltd. Guangzhou Branch 5F, Communication Building, 163 Pingyun Rd, Huangpu Ave. West, Guangzhou 510656, P. R. China

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

List of countries addressed: EU countries and Great Britain (England, Wales and Scotland).

Refer to Attachment No.1 and Attachment No.2 for the National and Group differences evaluated.

There are no differences for Great Britain except the power plug.

☒ 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+A1:2019+A14:2019+A2:2019+A15:2021 and EN 62233:2008 of Electrical Equipment (safety) Regulations 2016 published by UK Government.

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.

Xin Bao
Model: BL9000C-GS
220-240V~ 50-60Hz 500W

GUANG DONG XINBAO ELECTRICAL APPLIANCES HOLDINGS CO., LTD.
Add.: Zhenghe South Road, Leliu Town, Shunde District, 528322 Foshan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA

Xin Bao
Model: BL9000C-GS
220-240V~ 50Hz 500W

GUANG DONG XINBAO ELECTRICAL APPLIANCES HOLDINGS CO., LTD.
Add.: Zhenghe South Road, Leliu Town, Shunde District, 528322 Foshan City, Guangdong Province, PEOPLE'S REPUBLIC OF CHINA

Remark: other models only have different ratings and model No.

The height of CE, UKCA shall be at least 5mm and the height of  shall be at least 7mm.

According to the EU directives which have been aligned with EU NLF (new legislative frame-work), both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the EU market.

According to the UK Electrical Equipment (Safety) Regulations 2016, both of manufacturer and importer's name and address shall be affixed on the product or, where that is not possible, on its packaging or in a document accompanying the product before the product is placed on the UK (England, Scotland and Wales).

Test item particulars ..... :	
Classification of installation and use ..... :	Portable
Supply Connection ..... :	Non-detachable power cord 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 ..... :	2018-01-05, 2018-05-31, 2018-08-05, 2018-09-19, 2018-12-19, 2019-03-22, 2019-07-10, 2019-08-07, 2019-09-30, 2019-11-20, 2019-12-11, 2019-12-17, 2020-03-16, 2020-04-10, 2020-03-07, 2020-08-02, 2020-10-20, 2020-09-24, 2020-11-14, 2020-12-02, 2021-03-04, 2021-03-13, 2021-04-26, 2021-06-30, 2021-07-13, 2021-10-18, 2022-03-02, 2022-05-06
Date (s) of performance of tests ..... :	2018-01-05 to 2018-04-28, 2018-05-31 to 2018-08-02, 2018-08-05 to 2018-09-06, 2018-09-19 to 2018-10-24, 2018-12-19 to 2019-01-15, 2019-03-22 to 2019-04-17, 2019-07-10 to 2019-08-19, 2019-08-07 to 2019-10-10, 2019-09-30 to 2019-11-01, 2019-11-20 to 2019-11-25, 2019-12-11 to 2020-01-10, 2019-12-17 to 2020-04-10, 2020-03-16 to 2020-04-27, 2020-04-10 to 2020-05-18, 2020-03-07 to 2020-07-03, 2020-08-02 to 2020-09-21, 2020-10-20 to 2020-11-18, 2020-09-24 to 2020-11-23, 2020-11-14 to 2020-12-09, 2020-12-02 to 2021-01-07, 2021-03-04 to 2021-04-01, 2021-03-13 to 2021-04-21, 2021-04-26 to 2021-05-25, 2021-06-30 to 2021-07-02, 2021-07-13 to 2021-08-02, 2021-10-18 to 2021-11-11, 2022-03-02 to 2022-04-19, 2022-05-06 to 2022-05-12

General remarks:

"(See Enclosure #)" refers to additional information appended to the report.
"(See appended table)" refers to a table appended to the report.
Throughout this report a ☒ comma / ☐ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 4.2.5 of IECEE 02:

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..... :	☐ **Yes** ☒ **Not applicable**

When differences exist; they shall be identified in the General product information section.

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

General product information:

1. Electrical, household blender for indoor use only.
2. The manufacturer/ Importer has to ensure the appliance placing on the EU market conforms to the applicable EU directives which provide the affixing of the CE marking, such as LVD, EMC, RoHS, ErP, and so on.
3. The manufacturer/ Importer has to ensure the appliance placing on the UK market conforms to the applicable UK Regulations which provide the affixing of the UKCA marking, such as LVD, EMC, RoHS, ErP, and so on.
4. All models are similar as BL9000C-GS except the flowing differences:

Models	Power input	Speed	Blender Jar	Mill cup	Chopper cup	Motor	Blades of blender	Outlook of base	Remark:
BL9000C-GS	550W	P,0,1,2,3,4,5	1.75L, glass	No	No	KH76/20-M	BL9000C-GS-80-01	Square (plastic)	--
BL9000-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/15-A	BL9000-GS-80-01	Square (plastic)	--
BL9000A-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	--
BL9000D-GS	500W	P,0,1,2,3,4,5	1.5L, plastic	No	No	KH76/20-M	BL9000C-GS-80-01	Square (plastic)	--
BL9000DE-GS	500W	P,0,1,2,3,4,5	1.5L, plastic	Yes	No	KH76/20-M	BL9000C-GS-80-01	Square (plastic)	Same as BL9000D-GS except add mill cup
BL9702-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Rounded (metal)	--
BL9000E-GS	500W	P,0,1,2	1.5L, plastic	Yes	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	--
BL9000B-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	--
BL9000F-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	Only different decorative rings of knob with BL9000A-GS
BL9702AB-GS	500W	P,0,1,2,3,4,5	1.75L, glass	No	No	KH76/20-M	BL9000C-GS-80-01	Rounded (metal)	--
BL9703-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	--
BL9703A-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	Only different decorative rings of knob with BL9703-GS
BL9702A-GS	500W	P,0,1,2,3,4,5	1.5L, glass	No	No	KH76/20-M	BL9000C-GS-80-01	Rounded (metal)	--
BL9702D-	500W	P,0,1,2	1.5L,	No	No	KH76/20-	BL9000C-	Rounded	Same as

GS			glass			Q	GS-80-01	(metal)	BL9702-GS, except the shape of the blade holder
BL9703D-GS	500W	P,0,1,2,3,4,5	1.5L, glass	No	No	KH76/20-M	BL9000C-GS-80-01	Square (metal)	--
BL9703-CE	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	With Voltage-maintained motor protector
BL9000BA-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	With Voltage-maintained motor protector
BL9002A-GS	500W	P,0,1,2,3,4,5	1.5L, plastic	No	No	KH76/20-M	BL9000C-GS-80-01	Square (plastic)	--
BL9002AB-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	--
BL9002C-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	plastic	--
BL9703AK-GS	500W	P,0,1,2	1.5L, glass	Yes	Yes	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	--
BL9000AB-CB	500W	P,0,1,2	1.5L, plastic	Yes	No	KH76/20-S	BL9000C-GS-80-01	Square (plastic)	--
BL9703BA-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-S	BL9000C-GS-80-01	Square (metal)	--
BL9703AD-CB	500W	P,0,1,2	1.5L, plastic	Yes	No	KH76/20-S	BL9000C-GS-80-01	Square (metal)	--
BL9000BC-GS	500W	P,0,1,2	1.5L, glass	Yes	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	--
BL9002AC-GS	500W	P,0,1,2	1.5L, plastic	Yes	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	--
BL9703BB-GS	700W	P,0,1,2	1.5L, glass	No	No	KH76/20-S	BL9703BB-GS	Rounded (metal)	--
BL9703BC-CE	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-S	BL9000C-GS-80-01	Square (metal)	With current fuse and thermal fuse for motor protection
BL9006-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Plastic	--
BL9006A-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Plastic	--
BL9002AD-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (plastic)	--
BL9703H-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-S	BL9000C-GS-80-01	Square (metal)	--

BL9702I-GS	800W	P,0,1,2	1.5L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Rounded (metal)	--
BL9002AE-GS	800W	P,0,1,2	1.5L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Square (plastic)	--
BL9703AE-GS	800W	P,0,1,2	1.5L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Square (metal)	--
BL9702P-GS	800W	P,0,1,2	1.5L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Rounded (metal)	--
BL9703N-GS	800W	P,0,1,2	1.5L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Square (plastic)	--
BL9003-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Rounded (plastic)	Same as BL9703-GS, except the outlook of base
BL9006AC-GS	500W	P,0,1,2	1.5L, plastic	Yes	No	KH76/20-Q	BL9000C-GS-80-01	Plastic	Same as BL9006A-GS, except Add mill cup
BL9702AC-GS	500W	P,0,1,2,3,4,5	1.5L, glass	No	No	KH76/20-M	BL9000C-GS-80-01	Rounded (metal)	Same as BL9702A-GS,except With Voltage-maintained motor protector
BL9702IA-CE	800W	P,0,1,2	1.5L, glass	Yes	No	KH76/25-K	BL9000C-GS-80-01	Rounded (metal)	Same as BL9702P-GS, excep add mill cup
BL9000FA-GS	600W	P,0,1,2,3,4,5	1.5L, plastic	No	No	KH76/25-L	BL9000FA-GS	Square (plastic)	--
BL9703R-CE	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-L	BL9000C-GS-80-01	Rounded (metal)	Same as BL9702-GS, except cup fixing ring
BL9702PA-GS	800W	P,0,1,2	1.75L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Rounded (metal)	Same as BL9702P-GS, except the blender jar is 1.75L
BL9002CA-GS	500W	P,0,1,2	1.5L, glass	Yes	No	KH76/20-Q	BL9000C-GS-80-01	Plastic	Same as BL9702C-GS, except add a mill cup.
BL9006AD-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000FA-GS	Plastic	Same as BL9006A-GS, except the blender jar is BL9000FA-

									GS and motor with Voltage-maintained motor protector
BL9008-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Rounded (plastic)	Same as BL9702AB-GS, except main unit appearance
BL9006AI-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Plastic	Same as BL9006-GS except blender jar
BL9702J-GS	500W	P,0,1,2	1.5L, glass	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	Same as BL9703A-GS except main unit and blender jar appearance
BL9706C-GS	800W	P,0,1,2	1.5L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Square (metal)	Same as BL9702I-GS except main unit appearance
BL9006AL-GS	500W	P,0,1,2	1.5L, plastic	Yes	No	KH76/20-Q	BL9000C-GS-80-01	Plastic	Same as BL9006-GS except add mill cup
BL9703U-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	Same as BL9703-GS except materials of blender jar and micro switch assembly
BL9703AF-GS	800W	P,0,1,2	1.5L, glass	No	No	KH76/25-K	BL9000C-GS-80-01	Square (metal)	Same as BL9703AE-GS, except add a Travel cup, and travel cup cannot work with the main unit
BL9000AH-GS	500W	P,0,1,2	1.5L, plastic	No	No	KH76/20-Q	BL9000C-GS-80-01	Square (metal)	With Voltage-maintained motor protector

Remark: motor KH76/20-Q is similar as KH76/20-M except different speed and markings (500W for KH76/20-Q and 550W for KH76/20-M) , it means they are the same windings, iron, constructions and the actual power input of 5 speed of KH76/20-M is the same as the actual power input of 2 speed of KH76/20-Q

Short time operation:

Blender:
2min for BL9000AB-CB, BL9703BA-GS, BL9703AD-CB, BL9703BC-CE, BL9703H-GS, BL9702PA-GS, BL9006AD-GS, BL9008-GS, BL9706C-GS.
1min for BL9000C-GS, BL9000D-GS, BL9000DE-GS.
3min for other models

Chopper: 60s

Grinder (coffee beans): 30s

Grinder (beef): 6s

3.If no special comments, the BL9000C-GS, BL9000-GS, BL9702-GS were considered as representative sample to perform full tests, Tests of clause 10, 11, 19, 20, 22, 30, EMF were carried out on model BL9000FA-GS

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

5	**GENERAL CONDITIONS FOR THE TESTS**		
	Tests performed according to clause 5, e.g. nature of supply, sequence of testing, etc.		P
5.6	Speed controls are adjusted in accordance with the instructions. (IEC 60335-2-14)		P
6	**CLASSIFICATION**		
6.1	Class II or class III for hand-held kitchen machines. (IEC 60335-2-14)	Portable appliance, class II	P
	Class 0 or class I if their rated voltage does not exceed 150 V. (IEC 60335-2-14)		N/A
6.2	Protection against harmful ingress of water		N/A
7	**MARKING AND INSTRUCTIONS**		
7.1	Rated voltage or voltage range (V) ....:	220-240V	P
	Symbol for nature of supply, or ....:	~	P
	Rated frequency (Hz) ....:	See page 2	P
	Rated power input is marked. (IEC 60335-2-14)	See page 2	P
	Rated current (A) ....:		N/A
	Manufacturer's or responsible vendor's name, trademark or identification mark..... .....:	GUANG DONG XINBAO ELECTRICAL APPLIANCES HOLDINGS CO., LTD.	P
	Model or type reference ....:	See page 2	P
	Symbol IEC 60417-5172, for class II appliances		P
	IP number, other than IPX0..... .....:	IPX0	N/A
	Symbol IEC 60417-5180, for class III appliances, unless		N/A
	the appliance is operated by batteries only		N/A
	Symbol IEC 60417-5018, for class II and class III appliances incorporating a functional earth (IEC 60335-1/A1:2013)		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, if the working voltage exceeds extra-low voltage		N/A
	Stands provided with cordless blenders are marked with: (IEC 60335-2-14)		N/A
	- the name, trademark or identification mark of the manufacturer or responsible vendor		N/A
	- the model or type reference		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
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	220-240V, 50-60Hz	P
	Different rated values marked with the values separated by an oblique stroke		N/A
7.4	Appliances adjustable for different rated voltages or rated frequencies, the voltage or the frequency setting is clearly discernible (IEC 60335-1/A1:2013)		N/A
	Requirement met if frequent changes are not required and the rated voltage or rated frequency to which the appliance is to be adjusted is determined from a wiring diagram (IEC 60335-1/A1:2013)		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 for nature of supply placed next to rated voltage		P
	Symbol for class II appliances placed unlikely to be confused with other marking		P
	Units of physical quantities and their symbols according to international standardized system		P
7.7	Connection diagram fixed to appliances to be connected to more than two supply conductors and appliances for multiple supply, unless		N/A
	correct mode of connection is obvious		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 (letter N)		N/A
	- marking of protective earthing terminals (symbol IEC 60417-5019)		N/A
	- marking of functional earthing terminals (symbol IEC 60417-5018) (IEC 60335-1/A1:2013)		N/A
	- marking not placed on removable parts		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
7.9	Marking or placing of switches which may cause a hazard		P
7.10	Indications of switches on stationary appliances and controls on all appliances by use of figures, letters or other visual means ....:	figures, letters	P
	This applies also to switches which are part of a control		P
	If figures are used, the off position indicated by the figure 0		P
	The figure 0 indicates only OFF position, unless no confusion with the OFF position		P
7.11	Indication for direction of adjustment of controls		P
7.12	Instructions for safe use provided		P
	Details concerning precautions during user maintenance		P
	The instructions state that:		--
	- the appliance is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction	Replaced by EN 60335-2-14	N/A
	- children being supervised not to play with the appliance		P
	For a part of class III construction supplied from a detachable power supply unit, the instructions state that the appliance is only to be used with the unit provided		N/A
	Instructions for class III appliances state that it must only be supplied at SELV, unless		N/A
	it is a battery-operated appliance, the battery being charged outside the appliance		N/A
	For appliances for altitudes exceeding 2000 m, the maximum altitude is stated (IEC 60335-1/A1:2013) ..... :		N/A
	The instructions for appliances incorporating a functional earth states that the appliance incorporates an earth connection for functional purposes only (IEC 60335-1/A1:2013)		N/A
	Instructions include the operating times and speed settings for accessories (IEC 60335-2-14)		P
	Accessories, other than those supplied with the appliance, include instructions for their safe use. (IEC 60335-2-14)		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Adequate instruction for use for slicing machines provided with a base having a plain surface underneath the sliding feed table (IEC 60335-2-14)		N/A
	The instructions for food processors and blenders warn against misuse (IEC 60335-2-14)		N/A
	Be careful when handing the sharp cutting blades, emptying the bowl and during cleaning (IEC 60335-2-14)		P
	Be careful if hot liquid is poured into the food processor or blender as it can be ejected out of the appliance due to a sudden steaming (IEC 60335-2-14/A2:2012)		P
	Instructions for hand-held blenders : (IEC 60335-2-14)		——
	- always disconnect the blender from the supply if it is left unattended and before assembling, disassembling or cleaning		N/A
	- do not allow children to use the blender without supervision.		N/A
	The instructions for centrifugal juicers include the substance of the following: (IEC 60335-2-14)		——
	- Do not use the appliance if the rotating sieve or the protecting cover is damaged or has visible cracks. (IEC 60335-2-14/A2:2012)		N/A
	The instructions for cordless blenders state that the blender is only to be used with the stand provided. (IEC 60335-2-14)		N/A
	The blender and stand of the cordless blender can be lifted together by gripping the handle of the blender, the instructions include the substance of the following: (IEC 60335-2-14)		——
	CAUTION: Ensure that the blender is switched off before removing it from the stand.		N/A
	The instructions include details on how to clean surfaces in contact with food (IEC 60335-2-14)		P
	The instructions for appliances incorporating a switch necessary for compliance with 22.40 include the substance of the following: (IEC 60335-2-14)		——
	Switch off the appliance and disconnect from supply before changing accessories or approaching parts that move in use		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	The instructions include the substance of the following: This appliance is intended to be used in household and similar applications (IEC 60335-2-14/A2:2012)		P
	If the manufacturer wants to limit the use of the appliances to less than the above, this has to be clearly stated in the instructions (IEC 60335-2-14/A2:2012)		P
7.12.1	Sufficient details for installation supplied		N/A
	For an appliance intended to be permanently connected to the water mains and not connected by a hose-set, this is stated		N/A
	If different rated voltages or different rated frequencies are marked, the instructions state what action to be taken to adjust the appliance (IEC 60335-1/A1:2013)		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		N/A
7.12.3	Insulation of the fixed wiring in contact with parts exceeding 50 K during clause 11; instructions state that the fixed wiring must be protected		N/A
7.12.4	Instructions for built-in appliances:		--
	- dimensions of space		N/A
	- dimensions and position of supporting and fixing		N/A
	- minimum distances between parts and surrounding structure		N/A
	- minimum dimensions of ventilating openings and arrangement		N/A
	- connection to supply mains and interconnection of separate components		N/A
	- allow disconnection of the appliance after installation, by accessible plug or a switch in the fixed wiring, unless		N/A
	a switch complying with 24.3		N/A
7.12.5	Replacement cord instructions, type X attachment with a specially prepared cord		N/A
	Replacement cord instructions, type Y attachment		P
	Replacement cord instructions, type Z attachment		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
7.12.6	Caution in the instructions for appliances incorporating a non-self-resetting thermal cut-out that is reset by disconnection of the supply mains, if this cut-out is required to comply with the standard		N/A
7.12.7	Instructions for fixed appliances stating how the appliance is to be fixed		N/A
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		P
7.14	Marking clearly legible and durable, rubbing test as specified		P
7.15	Markings 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		P
	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
	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		N/A
	The symbol IEC 60417-5018 placed next to the symbol IEC 60417-5172 or IEC 60417-5180 (IEC 60335-1/A1:2013)		N/A
7.16	Marking of a possible replaceable thermal link or fuse link clearly visible with regard to replacing the link		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
	Lamps behind a detachable cover not removed, if conditions met		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	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, with a force not exceeding 1 N: no contact with live parts		P
8.1.2	Use of test probe 13 of IEC 61032, with a force not exceeding 1 N, through openings in class 0 appliances and class II appliances/constructions: no contact with live parts		P
	Test probe 13 also applied through openings in earthed metal enclosures having a non-conductive coating: no contact with live parts		N/A
8.1.3	For appliances other than class II, use of test probe 41 of IEC 61032, with a force not exceeding 1 N: no contact with live parts of visible glowing heating elements		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		N/A
	- fixed appliances		N/A
	- 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		P
	Only possible to touch parts separated from live parts by double or reinforced insulation		P

IEC 60335-2-14			
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
	If the power input varies throughout the operating cycle and the maximum value of the power input exceeds, by a factor greater than two, the arithmetic mean value of the power input occurring during a representative period, the power input is the maximum value that is exceeded for more than 10 % of the representative period (IEC 60335-1/A1:2013)		N/A
	Otherwise the power input is the arithmetic mean value (IEC 60335-1/A1:2013)		N/A
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated power input is related to the arithmetic mean value		P
	A representative period is a time period of 2 min or the time specified in 11.7 for one cycle of operation, whichever is shorter. (IEC 60335-2-14)		P
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
	If the current varies throughout the operating cycle and the maximum value of the current exceeds, by a factor greater than two, the arithmetic mean value of the current occurring during a representative period, the current is the maximum value that is exceeded for more than 10 % of the representative period (IEC 60335-1/A1:2013)		N/A
	Otherwise the current is the arithmetic mean value (IEC 60335-1/A1:2013)		N/A
	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless		N/A
	the rated current is related to the arithmetic mean value of the range		N/A
11	**HEATING**		
11.1	No excessive temperatures in normal use		P
11.2	The appliance is held, placed or fixed in position as described.....:		P
11.3	Temperature rises, other than of windings, determined by thermocouples		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Temperature rises of windings determined by resistance method, unless		P
	the windings are non-uniform or it is difficult to make the necessary connections		N/A
11.4	Heating appliances operated under normal operation at 1.15 times rated power input (W) .....:		N/A
11.5	Motor-operated appliances operated under normal operation at most unfavourable voltage between 0.94 and 1.06 times rated voltage (V) .....:	1,06 X 240V = 254,4V	P
11.6	Combined appliances operated under normal operation at most unfavourable voltage between 0.94 and 1.06 times rated voltage (V) .....:		N/A
11.7	The appliance is operated for the period specified and where relevant the number of cycles specified (IEC 60335-2-14/A2:2012)	(see appended tables)	P
	If the period exceeds that stated in the instructions and if the temperature rise limits of Table 3 are exceeded, an alternative test is carried out as follows: (IEC 60335-2-14/A2:2012)		——
	the test is carried out for the number of cycles specified and using the maximum quantity of the load to be processed stated in the instructions: (IEC 60335-2-14/A2:2012)		P
	— the maximum period stated in the instructions plus 1 min or 7 min whichever is less, for specified operating periods not exceeding 7 min (IEC 60335-2-14/A2:2012)		P
	— the maximum period stated in the instructions or 7 min whichever is greater, for specified operating periods exceeding 7 min (IEC 60335-2-14/A2:2012)		N/A
	This procedure only applies if the power input measured in 10.1 using the maximum quantity of the load to be processed stated in the instructions is not less than that obtained when using the appropriate load specified in 3.1.9.101 to 3.1.9.119 (IEC 60335-2-14/A2:2012)		P
	If it is necessary to perform a number of operations to obtain these periods, the rest periods are equal to, where relevant, the time taken to empty and refill the container with the maximum quantity of ingredients stated in the instructions (IEC 60335-2-14/A1:2008)		P
	Appliances incorporating a timer are operated for the maximum period allowed by the timer (IEC 60335-2-14/A1:2008)		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
11.8	Temperature rises monitored continuously and not exceeding the values in table 3 .....:	(see appended table)	P
	For ice-cream machines for use in refrigerators and freezers, the temperature rise values are increased by 30 K. (IEC 60335-2-14)		N/A
	If the temperature rise of a motor winding exceeds the value of table 3, or		N/A
	if there is doubt with regard to classification of insulation,		N/A
	tests of Annex C are carried out		N/A
	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
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 the rated power input (W).....:		N/A
	Motor-operated appliances and combined appliances supplied at 1.06 times the rated voltage (V).....:	1,06 X 240V = 254,4V	P
	Protective impedance and radio interference filters disconnected before carrying out the tests		P
13.2	For class 0, class II and class III appliances, leakage current measured by means of the circuit described in figure 4 of IEC 60990		P
	For class 0I and class I appliances, a low impedance ammeter may be used (IEC 60335-1/A1:2013)		N/A
	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**		
	Appliances withstand the transient over-voltages 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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	No flashover during the test, unless		N/A
	of functional insulation if 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		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 or 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 .....:		N/A
	Water valves containing live parts 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
	For IPX4 appliances, the horizontal centre line of the appliance is aligned with the pivot axis of the oscillating tube, and		N/A
	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
	Wall-mounted appliances, take into account the distance to the floor stated in the instructions		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, and		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	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
	Appliances with type X attachment fitted with a flexible cord as described		N/A
	Detachable parts subjected to the relevant treatment with the main part		N/A
	However, if a part has to be removed for user maintenance and a tool is needed, this part is not removed		N/A
15.2	Spillage of liquid does not affect the electrical insulation		P
	Spillage solution comprising water containing approximately 1 % NaCl and 0,6 % rinsing agent (IEC 60335-1/A1:2013)		P
	Appliances with type X attachment fitted with a flexible cord as described		N/A
	Appliances incorporating an appliance inlet tested with or without an connector, whichever is most unfavourable		N/A
	Detachable parts are removed		P
	Appliances supplied at rated voltage and operated for 15 s with the solution still in the container: the leakage current shall not exceed the values specified in clause 13. (IEC 60335-2-14)		P
	Saline solution is then added to the liquid container until it is completely full again. A further quantity equal to 15% of the capacity of the container or 0.25 l is poured in steadily over a period of 1 min: ……. (IEC 60335-2-14)		P
	Water outlets for potato peelers are blocked. (IEC 60335-2-14)		N/A
	For cordless blenders, the test is carried out on a horizontal surface with the blender both on and off its stand. (IEC 60335-2-14)		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 or creepage distances below values specified in clause 29		P
15.3	Appliances proof against humid conditions		P
	Checked by test Cab: Damp heat steady state in IEC 60068-2-78		P
	Detachable parts removed and subjected, if necessary, to the humidity test with the main part		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Humidity test for 48 h in a humidity cabinet		P
	Reassembly of those parts that may have been removed		P
	The appliance withstands the tests of clause 16		P
15.101	Connecting devices of stands for cordless blenders are not affected by water. (IEC 60335-2-14)		N/A
	Compliance is checked by the following test.		N/A
	The stand withstands the dielectric strength test of 16.3.		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
	Tests carried out at room temperature and not connected to the supply		P
16.2	Single-phase appliances: test voltage 1.06 times rated voltage (V).....:	254,4V	P
	Three-phase appliances: test voltage 1.06 times rated voltage divided by √3 (V) .....:		N/A
	Leakage current measurements .....:	(see appended table)	P
	Limit values doubled if:		N/A
	- all controls have an off position in all poles, or		N/A
	- the appliance has no control other than a thermal cut-out, or		N/A
	- all thermostats, temperature limiters and energy regulators do not have an off position, or		N/A
	- the appliance has radio interference filters		N/A
	With the radio interference filters disconnected, the leakage current do not exceed limits specified .....:	(see appended table)	N/A
16.3	Electric strength tests according to table 7 .....:	(see appended table)	P
	Test voltage applied between the supply cord and inlet bushing and cord guard and cord anchorage as specified .....:	(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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Appliance supplied with 1.06 or 0.94 times rated voltage under the most unfavourable short-circuit or overload likely to occur in normal use (V) .....:		N/A
	Basic insulation is not short-circuited		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, mechanical damage or electric shock under abnormal or careless operation obviated		P
	Electronic circuits so designed and applied that a fault will not render the appliance unsafe .....:	(see appended table)	P
	Appliances incorporating heating elements subjected to the tests of 19.2 and 19.3, and		N/A
	if the appliance also has a control that limit the temperature during clause 11 it is subjected to the test of 19.4, and		N/A
	if applicable, to the test of 19.5		N/A
	Appliances incorporating PTC heating elements are also subjected to the test of 19.6		N/A
	Appliances incorporating motors subjected to the tests of 19.7 to 19.10, as applicable		P
	Appliances incorporating electronic circuits subjected to the tests of 19.11 and 19.12, as applicable		P
	Appliances incorporating contactors or relays subjected to the test of 19.14, being carried out before the tests of 19.11		N/A
	Appliances incorporating voltage selector switches subjected to the test of 19.15		N/A
	Unless otherwise specified, the tests are continued until a non-self-resetting thermal cut-out operates, or		P
	until steady conditions are established		N/A
	If a heating element or intentionally weak part becomes open-circuited, the relevant test is repeated on a second sample		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Test of 19.7 only applicable to coffee mills, grain grinders, berry-juice extractors, food blenders, centrifugal juicers, churns, food mixers, food processors, ice-cream machines, mincers, and noodle makers. (IEC 60335-2-14/A2:2012)	Blender	P
	Coffee mills and grain grinders subjected to the tests of 19.101, and to 19.102 unless they have to be kept switched on by hand. (IEC 60335-2-14)	only for models with coffee mills cup	P
19.2	Test of appliances with heating elements with restricted heat dissipation; test voltage (V), power input of 0.85 times rated power input (W) .....:		N/A
19.3	Test of 19.2 repeated; test voltage (V), power input of 1.24 times rated power input (W) .....:		N/A
19.4	Test conditions as in clause 11, any control limiting the temperature during tests of clause 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 sheath		N/A
	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 (V) .....:		N/A
19.7	Stalling test by locking the rotor if the locked rotor torque is smaller than the full load torque, or		P
	locking moving parts of other appliances		N/A
	Locked rotor, capacitors open-circuited one at a time		N/A
	Test repeated with capacitors short-circuited one at a time, unless		N/A
	capacitor is of class P2 of IEC 60252-1		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	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
	An electronic timer or programmer that operates to ensure compliance with the test before the maximum period under the conditions of Clause 11 is reached, is a protective electronic circuit (IEC 60335-1/A1:2013)		N/A
	Other appliances supplied with rated voltage for a period as specified .....:	240 V; 30 s	P
	Winding temperatures not exceeding values specified in table 8.....:	(see appended table)	P
	Coffee mills that have to be kept switched on by hand, berry-juice extractors, blenders for food, centrifugal juicers for fruit and vegetables, food mixers, food processors, and mincers are operated for 30 s. (IEC 60335-2-14)		N/A
	Other coffee mills, grain grinders and noodle makers are tested for 5 min. (IEC 60335-2-14)		P
	Churns and ice-cream machines are operated until steady conditions are established. (IEC 60335-2-14)		N/A
19.8	Multi-phase motors operated at rated voltage with one phase disconnected		N/A
19.9	Running overload test on appliances incorporating motors intended to be remotely or automatically controlled or liable to be operated continuously		N/A
	Motor-operated and combined appliances for which 30.2.3 is applicable and that use overload protective devices relying on electronic circuits to protect the motor windings, are also subjected to the test		N/A
	Winding temperatures not exceeding values as specified .....:	(see appended table)	N/A
19.10	Series motor operated at 1.3 times rated voltage for 1 min (V).....:	1,3 × 240V = 312 V	P
	During the test, parts not being ejected from the appliance		P
	Test repeated with accessories in position but without additional load. (IEC 60335-2-14)		P
	Coffee mills and grain grinders are only tested for 30 s. (IEC 60335-2-14)		P
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		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	they comply with the conditions specified in 19.11.1		N/A
	Appliances incorporating an electronic circuit that relies upon a programmable component to function correctly, subjected to the test of 19.11.4.8, unless		N/A
	restarting does not result in a hazard		N/A
	Appliances having a device with an off position obtained by electronic disconnection, or a device placing the appliance in a stand-by mode, subjected to the tests of 19.11.4		N/A
	If the safety of the appliance under any of the fault conditions depends on the operation of a miniature fuse-link complying with IEC 60127, the test of 19.12 is carried out		N/A
	During and after each test the following is checked:		--
	- the temperature 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 both of the following conditions are met:		--
	- the base material of the printed circuit board withstands the test of Annex E		N/A
	- any loosened conductor does not reduce clearance or creepage distances between live parts and accessible metal parts below the values specified in clause 29		N/A
19.11.1	Fault conditions a) to g) in 19.11.2 are not applied to circuits or parts of circuits meeting 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 of 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 operating under conditions specified in clause 11, but supplied at rated voltage, duration of the tests as specified:		--
	a) short circuit of functional insulation if clearances or creepage distances are less than the values specified in clause 29		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	b) open circuit at the terminals of any component	Diode	P
	c) short circuit of capacitors, unless		N/A
	they comply with IEC 60384-14		P
	d) short circuit of any two terminals of an electronic component, other than integrated circuits	Diode	P
	This fault condition is not applied between the two circuits of an optocoupler		N/A
	e) failure of triacs in the diode mode		N/A
	f) failure of microprocessors and integrated circuits		N/A
	g) failure of an electronic power switching device		N/A
	Each low power circuit is short-circuited by connecting the low-power point to the pole of the supply source from which the measurements were made		N/A
	Appliances having a device with an off position obtained by electronic disconnection, or a device that can place the appliance in a stand-by mode, are turned off or placed in the stand-by mode and supplied at rated voltage (IEC 60335-2-14/A2:2012)		N/A
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		N/A
19.11.4	Appliances having a device with an off position obtained by electronic disconnection, or		N/A
	a device that can be placed in the stand-by mode,		N/A
	subjected to the tests of 19.11.4.1 to 19.11.4.7, the device being set in the off position or in the stand-by mode		N/A
	Appliances incorporating a protective electronic circuit subjected to the tests of 19.11.4.1 to 19.11.4.7, the tests being carried out after the protective electronic circuit has operated, 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
	Surge protective devices disconnected, unless		N/A
	They incorporate spark gaps		N/A
19.11.4.1	The appliance is subjected to electrostatic discharges in accordance with IEC 61000-4-2, test level 4		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
19.11.4.2	The appliance is subjected to radiated fields in accordance with IEC 61000-4-3, test level 3		N/A
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		N/A
19.11.4.4	The power supply terminals of the appliance subjected to voltage surges in accordance with IEC 61000-4-5 (IEC 60335-1/A1:2013)		N/A
	An open circuit test voltage of 2 kV is applicable for the line-to-line coupling mode (IEC 60335-1/A1:2013)		N/A
	An open circuit test voltage of 4 kV is applicable for the line-to-earth coupling (IEC 60335-1/A1:2013)		N/A
	Earthed heating elements in class I appliances disconnected		N/A
19.11.4.5	The appliance is subjected to injected currents in accordance with IEC 61000-4-6, test level 3		N/A
19.11.4.6	Appliances having a rated current not exceeding 16 A are subjected to the Class 3 voltage dips and interruptions in accordance with IEC 61000-4-11		N/A
	Appliances having a rated current exceeding 16 A are subjected to the Class 3 voltage dips and interruptions in accordance with IEC 61000-4-34		N/A
19.11.4.7	The appliance is subjected to mains signals in accordance with IEC 61000-4-13, test level class 2		N/A
19.11.4.8	The appliance is supplied at rated voltage and operated under normal operation. After 60s the power supply is reduced to a level such that the appliance ceases to respond or parts controlled by the programmable component cease to operate		N/A
	The appliance continues to operate normally, or		N/A
	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
	Compliance with clause 8 not impaired		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	If the appliance can still be operated it complies with 20.2		N/A
	Insulation, other than of class III appliances or class III constructions that do not contain live parts, withstands the electric strength test of 16.3, the test voltage as specified in table 4:		--
	- basic insulation (V).....:	1000	P
	- supplementary insulation (V) .....:	1750	P
	- reinforced insulation (V) .....:	3000	P
	After operation or interruption of a control, clearances and creepage distances across the functional insulation withstand 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		N/A
	Appliances tested with an electronic switch in the off position, or in the stand-by mode:		--
	- do not become operational, or		N/A
	- if they become operational, do not result in a dangerous malfunction during or after the tests of 19.11.4		N/A
	If the appliance contains lids or doors that are controlled by one or more interlocks, one of the interlocks may be released provided that:		--
	- the lid or door does not move automatically to an open position when the interlock is released, and		N/A
	- the appliance does not start after the cycle in which the interlock was released		N/A
	Appliances tested with an electronic switch in the off position, or in the stand-by mode: (IEC 60335-2-14/A2:2012)		N/A
	- not become operational, or		N/A
	- if they become operational, not result in a dangerous malfunction during or after the tests of 19.11.2		N/A
19.14	Appliances operated under the conditions of clause 11, any contactor or relay contact operating under the conditions of clause 11 being short-circuited		N/A
	For a relay or contactor with more than one contact, all contacts are short-circuited at the same time		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	A relay or contactor operating only to ensure the appliance is energized for normal use is not short-circuited		N/A
	If more than one relay or contactor operates in clause 11, they are short-circuited in turn		N/A
19.15	For appliances with a mains voltage selector switch, the switch is set to the lowest rated voltage position and the highest value of rated voltage is applied		N/A
19.101	Coffee mills and grain grinders are supplied at rated voltage and operated under normal operation five times with rest periods. (IEC 60335-2-14)		P
19.102	Coffee mills and grain grinders subjected to the test as specified in IEC 60335-2-14 and carried out on three additional appliances. (IEC 60335-2-14)		P
	If any of the motors stall, original appliance subjected to the test of 19.7		N/A
20	**STABILITY AND MECHANICAL HAZARDS**		
20.1	Appliances having adequate stability		P
	Tilting test through an angle of 10°, appliance placed on an inclined plane/horizontal support, not connected to the supply mains; appliance does not overturn		P
	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		P
	Protective enclosures, guards and similar parts are non-detachable, and		P
	have adequate mechanical strength		P
	Enclosures that can be opened by overriding an interlock are considered to be detachable parts		N/A
	Self-resetting thermal cut-outs and over current protective devices not causing a hazard, by unexpected reclosure		N/A
	Not possible to touch dangerous moving parts with the test probe described		P
	Detachable accessories are removed and covers are opened except that for : (IEC 60335-2-14)		——

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- centrifugal juicers, the cover and the container for collecting the residue are in position		N/A
	- graters and shredders, this is only applicable to accessories that are removed while the appliance is in operation		N/A
	Test probe not applied to: (IEC 60335-2-14)		——
	- appliances specified in the list		N/A
	– the following parts of other appliances:		N/A
	smooth shafts having a diameter not exceeding 8 mm, rotating at a speed not exceeding 1 500 rev/min and driven by motors having an input not exceeding 200 W		N/A
	outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 rev/min		N/A
	projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm		N/A
	Test probe not applied to feed openings having a throat with following dimensions: (IEC 60335-2-14)		N/A
	- a height of at least 100 mm, measured from the upper edge of the cutting blade .....:		N/A
	- an average of the maximum and minimum cross-sectional dimensions of the feed opening that does not exceed 65.5 mm ..... :		N/A
	- a maximum cross-sectional dimension of the feed opening that does not exceed 76 mm ..... :		N/A
	For blenders, detachable parts, except lids, are not removed. Test carried out with a test probe similar to that of test probe B of IEC 61032 but with circular stop face as specified. (IEC 60335-2-14)		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
20.101	Accessories for cream whippers, egg beaters and hand-held food mixers have no knife edges, unless a suitable guard prevents accidental contact with their rotating parts (IEC 60335-2-14)		N/A
	Hand-held food mixer: not possible to release the working tools while rotating at a speed exceeding 1500 r/min (IEC 60335-2-14)		N/A
	If compliance relies on the operation of an electronic circuit the appliances is further tested as follows: (IEC 60335-2-14/A2:2012)		——
	a) The appliance is supplied at rated voltage and operated under normal operation		N/A
	The electromagnetic phenomena tests of 19.11.4.2 and 19.11.4.5 are applied		N/A
	Beaters, kneaders and similar accessories of hand-held food mixers not be released or be capable of being released by a single action during or after, as appropriate, the electromagnetic phenomena application		N/A
	b) The appliance is supplied at rated voltage and operated under normal operation		N/A
	The fault conditions in a) to g) of 19.11.2 are applied one at a time to the electronic circuit monitoring the release mechanism		N/A
	Beaters, kneaders and similar accessories of hand-held food mixers not be released or be capable of being released by a single action during the test		N/A
	If the electronic circuit is programmable, the software contain measures to control the fault/error conditions specified in Table R.1 and is evaluated in accordance with the relevant requirements of Annex R (IEC 60335-2-14/A2:2012)		N/A
20.102	Blades of hand-held blenders are completely screened from above and are not able to touch a flat surface while rotating (IEC 60335-2-14)		N/A
	Not possible to touch the blades with the end of the test rod (diameter 8 mm) and checked by inspection		N/A
20.103	Biased-off switch of hand-held blenders recessed or otherwise guarded: Test with a cylindrical rod having a diameter of 40 mm and hemispherical end: appliance does not operate. (IEC 60335-2-14)		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
20.104	Not possible to operate the cutting blades of blenders, other than hand-held blenders, while they are accessible: test with test finger specified for blender. (IEC 60335-2-14)		P
	With detachable parts removed, if the cutting blades of the blender can be touched with the test probe specified for blenders in 20.2, it shall not be possible to operate the appliance.		P
	Switches, other than biased-off switches, are placed in the on position and two simultaneous or sequential applications of test probe B of IEC 61032 are applied to biased-off switches, including interlock switches, with a force not exceeding 20 N in an attempt to operate the cutting blades.		P
	During the test, it shall not be possible to operate the appliance.		P
20.105	Centrifugal juicers (IEC 60335-2-14)		——
	- lids and covers do not open due to vibration		N/A
	- rotating parts adequately secured against becoming loose during operation		N/A
	- If speed of rotating parts >5000rev/min: lids and covers can only be closed after removal of tools		N/A
	- teeth of grating disks do not exceed 1,5mm in height		N/A
	- Ejectors on filter drums shall not project by more than 4 mm.		N/A
	- feed pusher provided, of a size that fills the throat of the hopper		N/A
	- lids and covers do not open by force test of 5N		N/A
20.106	For appliances having a feed screw: (IEC 60335-2-14) - the maximum cross-sectional dimension of the hopper not exceed 45 mm.		N/A
	- provide a feed pusher and the feed screw of the appliance is not accessible to test probe B of IEC 61032 with the pusher in position (IEC 60335-2-14/A1:2008)		N/A
20.107	Slicing machines, other than fixed appliances and those having a biased-off switch, incorporate means to hold the appliance in place and allow it to be released after use: no move on glass plate when subjected to test as specified. (IEC 60335-2-14)		N/A
20.108	slicing machines: (IEC 60335-2-14)		——
	- provided with a guard surrounding the knife and its edge		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- guard opening as small as permitted by effective use		N/A
	- edge of knife guarded as shown in Fig.101		N/A
	Knife guards shall be non-detachable unless the motor cannot be switched on after their removal.		N/A
	It shall not be possible to operate interlocks by means of test probe B of IEC 61032.		N/A
	Angle of the upper part of guard opening not exceed 75°		N/A
	The angle may be increased to 90° if the exposed part of the knife exceeding 75° is screened from above.		N/A
	Radial distance not exceed 2 mm, if the guard is flush with the plane of the knife; or		N/A
	3 mm, if the guard projects at least 0,2 mm beyond the plane of the knife.		N/A
	Distance between the outer circumference of the knife and the plate that sets the thickness of the slices shall not exceed 6 mm.		N/A
	Distance between the plate that sets the thickness of the slices and any other protecting part shall not exceed 5 mm.		N/A
	Additional guard provided if slices thicker than 15mm allowed		N/A
	Slicing machines shall incorporate a sliding feed table with a hand rest, a thumb guard and a piece holder.		N/A
	Sliding feed table adequately designed (f_30mm, d£ 5mm, thumb guard projects radially by at least 8mm beyond the blades)		N/A
	Piece holder enables small pieces to be sliced		N/A
	Dimensions of spikes or similar as specified		N/A
	Support of sliding table not usable for supplying food without the table in position; verified dash Nos.		N/A
20.109	Slicing machines constructed so that accidental operation of the appliance is prevented. (IEC 60335-2-14)		N/A
	Actuating member of push-button, toggle, rocker or slide switch recessed and actuated with force at least 2N.		N/A
	Actuating member of slide switch located so that unintentional actuation is unlikely and actuated with force at least 5N.		N/A
20.110	The cutting blades of bean slicers: (IEC 60335-2-14)		——

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- are at least 30 mm from the plane of the inlet opening.		N/A
	- length of the major and minor axis of the inlet and outlet openings not exceed 30 mm and 15 mm		N/A
	- dimensions of outlet openings not limited if compliance with test specified.		N/A
20.111	The rotating parts of blenders, graters and shredders: - are secured so that they are not liable to become loose during operation. (IEC 60335-2-14)		P
	- a feed pusher shall be provided which fills the throat of the hopper		N/A
20.112	The cutting blade of food processors stopped within 1,5 s after the lid has been opened or removed. (IEC 60335-2-14)		P
20.113	The lid interlock of food processors shall be constructed so that accidental operation of the appliances is prevented (IEC 60335-2-14)		P
	Lid interlock switches shall be biased-off switches		P
	If there is an interlock between the lid and the main switch, the lid shall be locked when the switch is in the on position		P
	When the lid is not correctly closed , the switch shall be locked in the off position		P
20.114	Access to dangerous moving parts of food processors prevented for all combinations of assembly of detachable parts that allow the motor to operate: comply with test as specified (IEC 60335-2-14)		P
20.115	Knives shall incorporate a biased-off switch that is recessed or guarded to prevent accidental operation. (IEC 60335-2-14)		N/A
	Appliance don’t operate when applying a cylindrical rod with diameter 40mm to the switch		N/A
20.116	Centrifugal juicers for fruit and vegetables shall be constructed so that parts cannot become disengaged when the appliance is operated at high speed. (IEC 60335-2-14)		N/A
	Lid removed, appliance supply at rated voltage and highest speed (10 times): no part of appliance disengaged		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Lid in position, when the speed reaches its maximum value, attempt is made to remove the lid (10 times): no part of appliance disengaged		N/A
20.117	Centrifugal juicers shall withstand the stresses resulting from parts rotating at high speed (IEC 60335-2-14)		N/A
	Compliance is checked by the following test that is carried out on three new appliances		N/A
	and by testing the sieve in accordance with Annex AA. (IEC 60335-2-14/A2:2012)		N/A
	The rim of plastic material retaining the rotating sieve is cut		N/A
	If the sieve retains its structure, the rim is cut further and the test repeated until disintegration takes place		N/A
	During the test, parts shall not be ejected from the appliance.		N/A
20.118	The operation of cordless appliances incorporating cutting blades that are accessible to test probe B of IEC 61032 shall require two separate movements, unless (IEC 60335-2-14)		N/A
	The control device is not directly accessible to the probe.		N/A
20.119	Bowl and cutting blades of food blenders and hand-held blenders shall have adequate mechanical strength. (IEC 60335-2-14)		P
	After the test, the bowl and cutting blades shall not be broken.		P
21	**MECHANICAL STRENGTH**		
21.1	Appliance has adequate mechanical strength and is constructed as to withstand rough handling		P
	Checked by applying 3 blows to every point of the enclosure like to be weak, in accordance with test Ehb of IEC 60068-2-75, spring hammer test, with an impact energy of 0,5 J		P
	The appliance shows no damage impairing compliance with this standard, and		P
	compliance with 8.1, 15.1 and clause 29 not impaired		P
	If doubt, 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
	Test also carried out on detachable parts that are necessary for protection against mechanical hazards. (IEC 60335-2-14)		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
21.2	Accessible parts of solid insulation having strength to prevent penetration by sharp implements		P
	Test not applicable if the thickness of supplementary insulation is at least 1 mm and reinforced insulation at least 2 mm		P
	The insulation is tested as specified, and does withstand the electric strength test of 16.3		N/A
22	**CONSTRUCTION**		
22.1	Appliance marked with the first numeral of the IP system, relevant requirements of IEC 60529 are fulfilled	IPX 0	N/A
22.2	Stationary appliance: means to ensure all-pole disconnection from the supply being provided:		--
	- a supply cord fitted with a plug, or		N/A
	- a switch complying with 24.3, or		N/A
	- a statement in the instruction sheet that a disconnection incorporated in the fixed wiring is to be provided, or		N/A
	- 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
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		N/A
	rotating does not impair compliance with this 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 equal to or greater than 0,1μF, the appliance being disconnected from the supply at the instant of voltage peak (IEC 60335-1/A1:2013)		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Voltage not exceeding 34 V (V) .....:	28V	P
	If compliance relies on the operation of an electronic circuit, the electromagnetic phenomena tests of 19.11.4.3 and 19.11.4.4 are applied (IEC 60335-1/A1:2013)		N/A
	The discharge test is then repeated three times, voltage not exceeding 34 V (V) (IEC 60335-1/A1:2013).....:		N/A
22.6	Electrical insulation not affected by condensing water or leaking liquid		N/A
	Electrical insulation of Class II appliances not affected if a hose ruptures or seal leaks		N/A
	In case of doubt, test as described		N/A
22.7	Adequate safeguards against the risk of excessive pressure in appliances containing liquid or gases or having 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		P
22.9	Insulation, internal wiring, windings, commutators and slip rings not exposed to oil, grease or similar substances, unless		P
	the substance has adequate insulating properties		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, if:		P
	- a non-self-resetting thermal cut-out is required by the standard, and		N/A
	- a voltage maintained non-self-resetting thermal cut-out is used to meet it		P
	Non-self-resetting thermal motor protectors have a trip-free action, unless		N/A
	they are voltage maintained		P
	Reset buttons of non-self-resetting controls so located or protected 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		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	No deterioration of the fixing properties of snap-in devices used in parts that are likely to be removed during installation or servicing		P
	Tests as described		P
22.12	Handles, knobs etc. fixed in a reliable manner		P
	Fixing in wrong position of handles, knobs etc. indicating position of switches or similar components not possible		P
	Axial force 15 N applied to parts, the shape being so that an axial pull is unlikely to be applied		P
	Axial force 30 N applied to parts, the shape being so that an axial pull is likely to be applied		P
22.13	Unlikely that handles, when gripped as in normal use, make the operator's hand touch parts having a temperature rise exceeding the value specified for handles which are held for short periods only		P
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 or other fasteners, likely 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 and 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
22.18	Current-carrying parts and other metal parts resistant to corrosion		P
22.19	Driving belts not relied upon to provide the required level of insulation, unless		N/A
	constructed to prevent inappropriate replacement		N/A
22.20	Direct contact between live parts and thermal insulation effectively prevented, unless		N/A
	material used is non-corrosive, non-hygroscopic and non-combustible		N/A
22.21	Wood, cotton, silk, ordinary paper and fibrous or hygroscopic material not used as insulation, unless		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	impregnated		N/A
	This requirement does not apply to magnesium oxide and mineral ceramic fibres used for the electrical insulation of heating elements		N/A
22.22	Appliances not containing asbestos		P
22.23	Oils containing polychlorinated biphenyl (PCB) not used		P
22.24	Bare heating elements, except in class III appliances or class III constructions that do not contain live parts, 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, except in class III appliances or class III constructions that do not contain live parts, cannot come into contact with accessible metal parts		N/A
22.26	For class III constructions 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		P
	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		N/A
22.31	Neither clearances nor creepage distances over supplementary and reinforced insulation reduced below values specified in clause 29 as a result of wear		P
	Neither clearances nor creepage distances between live parts and accessible parts reduced below values for supplementary insulation if wires, screws etc. become loose		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
22.32	Supplementary and reinforced insulation constructed or protected against pollution so that clearances or creepage distances are not reduced below the values in clause 29		P
	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 materials or beads alone not used as supplementary or reinforced insulation		N/A
	Ceramic and similar porous material in which heating conductors are embedded is considered to be basic insulation, not reinforced insulation (IEC 60335-1/A1:2013)		N/A
	Oxygen bomb test at 70 °C for 96 h and 16 h at room temperature		N/A
22.33	Conductive liquids that are or may become accessible in normal use and conductive liquids that are in contact with unearthed accessible metal parts are not in direct contact with live parts, or		P
	unearthed metal parts separated from live parts by basic insulation only (IEC 60335-1/A1:2013)		N/A
	Electrodes not used for heating liquids		P
	For class II constructions, conductive liquids that are or may become accessible in normal use and conductive liquids that are in contact with unearthed accessible metal parts, not in direct contact with basic or reinforced insulation, unless		N/A
	the reinforced insulation consists of at least 3 layers		N/A
	For class II constructions, conductive liquids which are in contact with live parts, not in direct contact with reinforced insulation, unless		N/A
	the reinforced insulation consists of at least 3 layers		N/A
	An air layer not used as basic or supplementary insulation in a double insulation system if likely to be bridged by leaking liquid		N/A
22.34	Shafts of operating knobs, handles, levers etc. not live, unless		P
	the shaft is not accessible when the part is removed		N/A
22.35	For other than class III constructions, handles, levers and knobs, held or actuated in normal use, not becoming live in the event of a failure of basic insulation		P

IEC 60335-2-14			
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 and cordless appliances, other than those of electrical components, provided they are reliably connected to an earthing terminal or earthing contact, or separated from live parts by earthed metal (IEC 60335-1/A1:2013)		N/A
	Insulating material covering metal handles, levers and knobs withstand the electric strength test of 16.3 for supplementary insulation		N/A
22.36	For appliances other than class III, handles continuously held in the hand in normal use so constructed that when gripped as in normal use, the operators hand is not likely to touch metal parts, unless		N/A
	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 and their casings, if of metal, separated from accessible metal parts by supplementary insulation, unless		P
	the capacitors comply with 22.42		N/A
22.38	Capacitors not connected between the contacts of a thermal cut-out		P
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		P
	If the appliance cannot operate continuously, automatically or remotely without giving rise to a hazard, appliances for remote operation being fitted with a switch for stopping the operation. 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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Values specified in 8.1.4 not exceeded if any one of the components are short-circuited or open-circuited		N/A
	Resistors checked by the test of 14.1 a) in IEC 60065		N/A
	Capacitors checked by the tests for class Y capacitors in IEC 60384-14		N/A
22.43	Appliances adjustable for different voltages, accidental changing of the setting of the voltage unlikely to occur		N/A
22.44	Appliances not having 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 29.1.3 due to deformation as a result of an external force applied to the enclosure		P
22.46	For programmable protective electronic circuits used to ensure compliance with the standard, the software contains measures to control the fault/error conditions in table R.1		N/A
	Software that contains measures to control the fault/error conditions specified in table R.2 is to be specified in parts 2 for particular constructions or to address specific hazards		N/A
	These requirements are not applicable to software used for functional purpose or compliance with clause 11		N/A
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 is to 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	There is a control on the appliance 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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	These requirements not necessary on appliances that can operate as follows, without giving rise to a hazard:		--
	- continuously, or		N/A
	- automatically, or		N/A
	- remotely		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
22.53	Class II appliances and class III appliances that incorporate functionally earthed parts have at least double insulation or reinforced insulation between live parts and the functionally earthed parts (IEC 60335-1/A1:2013)		N/A
22.54	Button cells and batteries designated R1 not accessible without the aid of a tool, unless (IEC 60335-1/A1:2013)		N/A
	the cover of their compartment can only be opened after at least two independent movements have been applied simultaneously (IEC 60335-1/A1:2013)		N/A
22.101	Appliances constructed so that lubricants are prevented from polluting food compartments (IEC 60335-2-14)		P
22.102	Appliances constructed so that food or liquids are prevented from penetrating into places that could cause electrical or mechanical faults. (IEC 60335-2-14)		P
22.103	The appliance coupler of cordless blenders shall be constructed to withstand the stresses occurring during normal use. (IEC 60335-2-14)		N/A
	The two live pins of the blender are connected together and an external resistive load is connected in series with the supply. The external load is such that the current is 1,1 times rated current.		N/A
	The blender is placed on its stand and withdrawn 10 000 times at a rate of approximately 10 times per minute. The test is continued for a further 10 000 times without current flowing.		N/A
	If the connection contacts cannot be energized when making or breaking the connection, instead of the above sequence, the test is carried out 20 000 times without current.		N/A
	After the test, the blender shall be suitable for further use and compliance with 8.1, 16.3, 27.5 and Clause 29 shall not be impaired.		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
22.104	Knife sharpeners shall be constructed so that knife blades are prevented from penetrating into areas that could cause an electrical or mechanical hazard (IEC 60335-2-14/A12:2012)		N/A
	Test probe D of IEC 61032 is inserted in any position through openings intended for sharpening		N/A
	It is not possible to touch live parts, electrical insulation or moving parts, other than a grinding wheel		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		N/A
	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		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
	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		N/A
	100 flexings for conductors flexed during user maintenance		N/A
	Electric strength test of 16.3, 1000 V between live parts and accessible metal parts		N/A
	Not more than 10% of the strands of any conductor broken, and		N/A
	not more than 30% for wiring supplying circuits that consume no more than 15W		N/A
23.4	Bare internal wiring sufficiently rigid and fixed		N/A
23.5	The insulation of internal wiring subjected to the supply mains voltage withstanding the electrical stress likely to occur in normal use		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	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
	For class II construction, the requirements for supplementary insulation and reinforced insulation apply, (IEC 60335-1/A1:2013)		N/A
	except that the sheath of a cord complying with IEC 60227 or IEC 60245 may provide supplementary insulation. (IEC 60335-1/A1:2013)		N/A
	A single layer of internal wiring insulation does not provide reinforced insulation (IEC 60335-1/A1:2013)		N/A
23.6	Sleeving used as supplementary insulation on internal wiring retained in position by clamping at both ends, or		N/A
	be such that it can only be removed by breaking or cutting		P
23.7	The colour combination green/yellow only used for earthing conductors		N/A
23.8	Aluminium wires not used for internal wiring		P
23.9	Stranded conductors not consolidated by soldering where they are subjected to contact pressure, unless		P
	the contact pressure is provided by spring terminals		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
	List of components .....:	(see appended table)	P
	Motors not required to comply with IEC 60034-1, they are tested as part of the appliance (IEC 60335-1/A1:2013)		P
	Relays tested as part of the appliance, or (IEC 60335-1/A1:2013)		N/A
	alternatively acc. to IEC 60730-1, and meeting the additional requirements in IEC 60335-1 (IEC 60335-1/A1:2013)		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	The requirements of Clause 29 apply between live parts of components and accessible parts of the appliance (IEC 60335-1/A1:2013)		P
	Components can comply with the requirements for clearances and creepage distances for functional insulation in the relevant component standard (IEC 60335-1/A1:2013)		P
	30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections (IEC 60335-1/A1:2013)		P
	Components that have not been previously tested to comply with the IEC standard for the relevant component are tested according to the requirements of 30.2 (IEC 60335-1/A1:2013)		P
	Components that have been previously tested to comply with the resistance to fire requirements in the IEC standard for the relevant component need not be retested provided the specified conditions are met (IEC 60335-1/A1:2013)		P
	If these conditions are not satisfied, the component is tested as part of the appliance. (IEC 60335-1/A1:2013)		P
	Power electronic converter circuits not required to comply with IEC 62477-1, they are tested as part of the appliance (IEC 60335-1/A1:2013)		N/A
	If components have not been tested and found to comply with relevant IEC standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9 no additional tests specified in the relevant component standard are necessary other than those specified in 24.1.1 to 24.1.9		P
	Components not tested and found to comply with relevant IEC standard and components not marked or not used in accordance with its marking, tested under the conditions occurring in the appliance		P
	Lampholders and starterholders that have not being tested and found to comply with the relevant IEC standard, tested as a part of the appliance and additionally according to the gauging and interchangeability requirements of the relevant IEC standard		N/A
	No additional tests specified for nationally standardized plugs such as those detailed in IEC/TR 60083 or connectors complying with the standard sheets of IEC 60320-1 and IEC 60309		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
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		P
	If the capacitors have to be tested, they are tested according to Annex F		N/A
24.1.2	Transformers in associated switch mode power supplies comply with Annex BB of IEC 61558-2-16 (IEC 60335-1/A1:2013)		N/A
	Safety isolating transformers complying with IEC 61558-2-6		N/A
	If they have to be tested, they are tested according to Annex G		N/A
24.1.3	Switches complying with IEC 61058-1, the number of cycles of operation being at least 10 000	Speed switch	P
	If they have to be tested, they are tested according to Annex H	Interlock switch	P
	If the switch operates a relay or contactor, the complete switching system is subjected to the test		N/A
	If the switch only operates a motor staring relay complying with IEC 60730-2-10 with the number of cycles of a least 10 000 as specified, the complete switching system need not be tested		N/A
	Switches incorporated in the following appliances are tested for 3 000 cycles of operation: (IEC 60335-2-14)		——
	- bean slicers;		N/A
	- liquid blenders;		N/A
	- cheese graters;		N/A
	- graters;		N/A
	- ice-cream machines for use in refrigerators and freezers;		N/A
	- sieving machines;		N/A
	- shredders.		N/A
24.1.4	Automatic controls complying with IEC 60730-1 with the relevant part 2. The number of cycles of operation being at least:		--
	- thermostats: 10 000		N/A
	- temperature limiters: 1 000		N/A
	- self-resetting thermal cut-outs: 300		N/A
	- voltage maintained non-self-resetting thermal cut-outs: 1 000		N/A
	- other non-self-resetting thermal cut-outs: 30		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- timers: 3 000		N/A
	- energy regulators: 10 000		N/A
	The number of cycles for controls operating during clause 11 need not be declared, if the appliance meets the requirements of this standard when they are short-circuited		N/A
	Thermal motor protectors are tested in combination with their motor under the conditions specified in Annex D		P
	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
	Thermal cut-outs of the capillary type comply with the requirements for type 2.K controls in IEC 60730-2-9 (IEC 60335-1/A1:2013)		N/A
24.1.5	Appliance couplers complying with IEC 60320-1		N/A
	However, for class II appliances classified higher than IPX0, the appliance couplers comply with IEC 60320-2-3 (IEC 60335-1/A1:2013)		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	For remote operation of the appliance via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is IEC 62151		N/A
24.1.8	The relevant standard for thermal links is IEC 60691	For BL9703BC-CE	P
	Thermal links not complying with IEC 60691 are considered to be an intentionally weak part for the purposes of Clause 19		N/A
24.1.9	Contactors and relays, other than motor starting relays, tested as part of the appliance		N/A
	They are also tested in accordance with Clause 17 of IEC 60730-1, the number of cycles of operations in 24.1.4 selected according to the contactor or relay function in the appliance.....:		N/A
24.2	Appliances not fitted with:		--
	- switches or automatic controls in flexible cords		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- devices causing the protective device in the fixed wiring to operate in the event of a fault in the appliance		P
	- thermal cut-outs that can be reset by soldering, unless		P
	the solder has a melding point of at least 230 ˚C		P
24.3	Switches intended for all-pole disconnection of stationary appliances are directly connected to the supply terminals and have a contact separation in all poles, providing full disconnection under overvoltage category III conditions		N/A
24.4	Plugs and socket-outlets for extra-low voltage circuits and heating elements, not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1 or with connectors and appliance inlets complying with the standard sheets of IEC 60320-1		N/A
24.5	Capacitors in auxiliary windings of motors marked with their rated voltage and capacitance, and used accordingly		N/A
	Voltage across capacitors in series with a motor winding does not exceed 1,1 times rated voltage, when the appliance is supplied at 1,1 times rated voltage under minimum load		N/A
24.6	Working voltage of motors connected to the supply mains and having basic insulation that is inadequate for the rated voltage of the appliance, not exceeding 42 V		N/A
	In addition, the motors comply with the requirements of Annex I		N/A
24.7	Detachable hose-sets for connection of appliances to the water mains comply with IEC 61770		N/A
	They are supplied with the appliance		N/A
	Appliances intended to be permanently connected to the water mains not connected by a detachable hose-set		N/A
24.8	Motor running capacitors in appliances for which 30.2.3 is applicable and that are permanently connected in series with a motor winding, not causing a hazard in event of a failure		N/A
	One or more of the following conditions are to be met:		--
	- the capacitors are of class P2 according to IEC 60252-1		N/A
	- the capacitors are housed within a metallic or ceramic enclosure		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- the distance of separation of the outer surface to adjacent non-metallic parts exceeds 50 mm		N/A
	- adjacent non-metallic parts within 50 mm withstand the needle-flame test of Annex E		N/A
	- adjacent non-metallic parts within 50 mm classified as at least V-1 according to IEC 60695-11-10		N/A
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, the current rating and voltage rating of the plug being not less than the corresponding ratings of its associated appliance (IEC 60335-1/A1:2013)		P
	- an appliance inlet having at least the same degree of protection against moisture as required for the appliance, or		N/A
	- pins for insertion into socket-outlets		N/A
	Ice-cream machines for use in refrigerators and freezers and hand-held appliances: no appliance inlet. (IEC 60335-2-14)		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	Appliance intended to be permanently connected to fixed wiring provided with one of the following means for connection to the supply mains:		--
	- a set of terminals allowing the connection of a flexible cord		N/A
	- a fitted supply cord		N/A
	- a set of supply leads accommodated in a suitable compartment		N/A
	- a set of terminals for the connection of cables of fixed wiring, cross-sectional areas specified in 26.6, and the appliance allows the connection of the supply conductors after the appliance has been fixed to its support		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- a set of terminals and cable entries, conduit entries, knock-outs or glands, allowing connection of appropriate types of cable or conduit, and the appliance allows the connection of the supply conductors after the appliance has been fixed to its support		N/A
	For a fixed appliance constructed so that parts can be removed to facilitate easy installation, this requirement is met if it is possible to connect the fixed wiring without difficulty after a part of the appliance has been fixed to its support		N/A
25.4	Cable and conduit entries, rated current of appliance not exceeding 16 A, dimension according to table 10 (mm) .....:		N/A
	Introduction of conduit or cable does not reduce clearances or creepage distances below values specified in clause 29		N/A
25.5	Method for assembling the supply cord to the appliance:		--
	- type X attachment		N/A
	- type Y attachment		P
	- type Z attachment, if allowed in relevant part 2		N/A
	Type X attachment, other than those with a specially prepared cord, not used for flat twin tinsel cords		N/A
	For multi-phase appliances supplied with a supply cord and that are intended to be permanently connected to fixed wiring, the supply cord is assembled to the appliance by type Y attachment		N/A
	Type Z attachment allowed for : (IEC 60335-2-14)		N/A
	- can openers		N/A
	- coffee mills and grain grinders having a mass not exceeding 1.5 kg		N/A
	- cream whippers		N/A
	- egg beaters		N/A
	- ice-cream machines including those for use in refrigerators and freezers		N/A
	- knife sharpeners		N/A
	Type X attachments, other than those with a specially prepared cord, not used for ice-cream machines for use in refrigerators and freezers. (IEC 60335-2-14)		N/A
25.6	Plugs fitted with only one flexible cord		P
25.7	Supply cords, other than for class III appliances, being one of the following types:		--
	- rubber sheathed (at least 60245 IEC 53)		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- polychloroprene sheathed (at least 60245 IEC 57)		N/A
	- polyvinyl chloride sheathed. Not used if they are likely to touch metal parts having a temperature rise exceeding 75 K during the test of clause 11		--
	• light polyvinyl chloride sheathed cord (60227 IEC 52), for appliances not exceeding 3 kg	H03VVH2-F (except for BL9702AB-GS, BL9702PA-GS), or H05VVH2-F	P
	• ordinary polyvinyl chloride sheathed cord (60227 IEC 53), for other appliances	H05VVH2-F	P
	- heat resistant polyvinyl chloride sheathed. Not used for type X attachment other than specially prepared cords		--
	• heat-resistant light polyvinyl chloride sheathed cord (60227 IEC 56), for appliances not exceeding 3 kg		N/A
	• heat-resistant polyvinyl chloride sheathed cord (60227 IEC 57), for other appliances		N/A
	Supply cords for class III appliances adequately insulated		N/A
	Test with 500 V for 2 min for supply cords of class III appliances that contain live parts		N/A
	Polyvinyl chloride sheathed supply cords of ice-cream machines for use in refrigerators and freezers are resistant to low temperatures: comply with tests 8.1, 8.2 and 8.3 of IEC 60811-1-4, carried out at a temperature of –25 °C ± 2 °C. (IEC 60335-2-14)		N/A
25.8	Nominal cross-sectional area of supply cords not less than table 11; rated current (A); cross-sectional area (mm²).....:	0,5 mm² or 0,75mm² (length<2m); Rated current: 2,2A (at rated voltage & normal load)	P
25.9	Supply cords not in contact with sharp points or edges		P
25.10	Supply cord of class I appliances have a green/yellow core for earthing		N/A
	In multi-phase appliances, the colour of the neutral conductor of the supply cord is blue (IEC 60335-1/A1:2013)		N/A
25.11	Conductors of supply cords not consolidated by soldering where they are subject to contact pressure, unless		P
	the contact pressure is provided by spring terminals		N/A
25.12	Insulation of the supply cord not damaged when moulding the cord to part of the enclosure		N/A
25.13	Inlet openings so constructed as to prevent damage to the supply cord		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	If it is not evident that the supply cord can be introduced without risk of damage, a non-detachable lining or bushing complying with 29.3 for supplementary insulation provided (IEC 60335-1/A1:2013)		N/A
	If unsheathed supply cord, a similar additional bushing or lining is required, unless the appliance is		N/A
	class 0, or		N/A
	a class III appliance not containing live parts		N/A
25.14	Supply cords moved while in operation adequately protected against excessive flexing		N/A
	Flexing test, as described:		--
	- applied force (N).....:		N/A
	- number of flexings.....:		N/A
	The test does not result in:		--
	- short-circuit between the conductors, such that the current exceeds a value of twice the rated current		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 to the cord or the cord guard		N/A
	- broken strands piercing the insulation and becoming accessible		N/A
	Hand-held blenders and hand-held mixers subjected to 2000 flexings as specified in IEC 60335-2-14,while mounted on an apparatus similar to that of Figure 8. (IEC 60335-2-14)		N/A
25.15	For appliances with supply cord and appliances to be permanently connected to fixed wiring by a flexible cord, 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:		--

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- fixed appliances: pull 100 N; torque (not on automatic cord reel) (Nm) (IEC 60335-1/A1:2013) .....:	60 N; 0,25Nm 3.05kg for BL9702AB-GS, BL9702PA-GS 2.9kg for BL9703-GS, BL9003-GS, BL9703A-GS, BL9702A-GS, BL9000C-GS, BL9702-GS, BL9702D-GS, BL9703D-GS, BL9703-CE，BL9000BA-GS, BL9002C-GS, BL9703AK-GS, BL9703BA-GS, BL9703BB-GS, BL9703BC-CE, BL9703H-GS, BL9002AE-GS, BL9703AE-GS, BL9702P-GS, BL9702I-GS, BL9703N-GS, BL9006AI-GS, BL9702J-GS, BL9703AF-GS 2.7kg for BL9000B-GS, BL9000BC-GS, BL9702AC-GS, BL9702IA-CE, BL9002CA-GS, BL9706C-GS 1.5kg for BL9000-GS, BL9000A-GS, BL9000D-GS, BL9000E-GS, BL9000F-GS, BL9002A-GS, BL9002AB-GS, BL9000AB-CB, BL9703AD-CB, BL9002AC-GS, BL9006-GS, BL9006A-GS, BL9006AC-GS, BL9002AD-GS, BL9000FA-GS, BL9703R-CE, BL9006AD-GS, BL9008-GS, BL9006AL-GS, BL9703U-GS, BL9000DE-GS	P
	- other appliances: values shown in table 12: mass (kg); pull (N); torque (not on automatic cord reel) (Nm) (IEC 60335-1/A1:2013) .....:		N/A
	Cord not damaged and max. 2 mm displacement of the cord	Less than 1 mm	P
25.16	Cord anchorages for type X attachments constructed and located so that:		--
	- replacement of the cord is easily possible		N/A
	- it is clear how the relief from strain and the prevention of twisting are obtained		N/A
	- they are suitable for different types of supply cord		N/A
	- cord cannot touch the clamping screws of cord anchorage if these screws are accessible, unless		N/A
	they are separated from accessible metal parts by supplementary insulation		N/A
	- the cord is not clamped by a metal screw which bears directly on the cord		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- at least one part of the cord anchorage securely fixed to the appliance, unless		N/A
	it is part of a specially prepared cord		N/A
	- screws which have to be operated when replacing the cord do not fix any other component, unless		N/A
	the appliance becomes inoperative or incomplete or the parts cannot be removed without a tool		N/A
	- 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		N/A
	failure of the insulation of the cord does not make accessible metal parts live		N/A
	- for class II appliances they are of insulating material, or		N/A
	if of metal, they are insulated from accessible metal parts by supplementary insulation		N/A
	After the test of 25.15, under the conditions specified, the conductors have not moved by more than 1 mm in the terminals		N/A
25.17	Adequate cord anchorages for type Y and Z attachment, test with the cord supplied with the appliance		P
25.18	Cord anchorages only accessible with the aid of a tool, or		N/A
	Constructed so that the cord can only be fitted with the aid of a tool		N/A
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	The conductors of the supply cord for type Y and Z attachment insulated from accessible metal parts (IEC 60335-1/A1:2013)		P
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		N/A
	- so there is no risk of damage to the conductors or their insulation when fitting the cover		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- for portable appliances, so that the uninsulated end of a conductor, if it becomes free from the terminal, prevented from contact with accessible metal parts		N/A
	2 N test to the conductor for portable appliances; no contact with accessible metal parts		N/A
25.22	Appliance inlets:		--
	- live parts not accessible during insertion or removal		N/A
	Requirement not applicable to appliance inlets complying with IEC 60320-1		N/A
	- connector can be inserted without difficulty		N/A
	- the appliance is not supported by the connector		N/A
	- not for cold conditions if temp. rise of external metal parts exceeds 75 K during clause 11, unless the supply cord is unlikely to touch such metal parts		N/A
	- located so that pollution by food or liquid is unlikely to occur during normal use. (IEC 60335-2-14)		N/A
25.23	Interconnection cords comply with the requirements for the supply cord, except that:		N/A
	- the cross-sectional area of the conductors is determined on the basis of the maximum current during clause 11		N/A
	- the thickness of the insulation may be reduced		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 this standard is impaired when they are disconnected		N/A
25.25	Dimensions of pins that are inserted into socket-outlets compatible with the dimensions of the relevant socket-outlet.		N/A
	Dimensions of pins and engagement face in accordance with the dimensions of the relevant plug in IEC/TR 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, except		P
	for class III appliances that do not contain live parts		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	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 the connection of cables to fixed wiring provided with terminals in which connections are made by means of screws, nuts or similar devices, unless		N/A
	the connections are soldered		N/A
	Screws and nuts not used to fix any other component, except		N/A
	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, unless		N/A
	barriers provided so that neither clearances nor creepage distances between live parts and other metal parts reduced below the values for supplementary insulation if the conductor becomes free at the soldered joint		N/A
26.3	Terminals for type X attachment and for connection of cables of fixed wiring so constructed that the conductor is clamped between metal surfaces with sufficient contact pressure but without damaging the conductor		N/A
	Terminals fixed so that when the clamping means is tightened or loosened:		--
	- the terminal does not become loose		N/A
	- internal wiring is not subjected to stress		N/A
	- neither clearances nor creepage distances are reduced below the values in clause 29		N/A
	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 (Nm).....:		N/A
	No deep or sharp indentations of the conductors		N/A
26.4	Terminals for type X attachment, except those having a specially prepared cord and those for the connection of cables of fixed wiring, no special preparation of conductors such as by soldering, use of cable lugs, eyelets or similar, and		N/A
	so constructed or placed that conductors prevented from slipping out when clamping screws or nuts are tightened		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
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		N/A
	Stranded conductor test, 8 mm insulation removed		N/A
	No contact between live parts and accessible metal parts and,		N/A
	for class II constructions, between live parts and metal parts separated from accessible metal parts by supplementary insulation only		N/A
26.6	Terminals for type X attachment and for connection of cables of fixed wiring suitable for connection of conductors with cross-sectional area according to table 13; rated current (A); nominal cross-sectional area (mm²).....:		N/A
	If a specially prepared cord is used, terminals need only be suitable for that cord		N/A
26.7	Terminals for type X attachment, except in class III appliances not containing live parts, accessible after removal of a cover or part of the enclosure		N/A
26.8	Terminals for the connection of 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		P
	conductors ends fitted with means suitable for screw terminals		N/A
	Pull test of 5 N to the connection		P
26.11	For type Y and Z attachment, soldered, welded, crimped or similar connections may be used		P
	For Class II appliances, the conductor so positioned or fixed that reliance is not placed on soldering, welding or crimping alone		P
	If soldering, welding or crimping alone used, barriers provided so that clearances and creepage distances between live parts and other metal parts are not reduced below the values for supplementary insulation 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 earthing contact of the appliance inlet		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Earthing terminals and earthing contacts not connected to the neutral terminal		N/A
	Class 0, II and III appliances have no provision for earthing		P
	Class II appliances and class III appliances can incorporate an earth for functional purposes (IEC 60335-1/A1:2013)		N/A
	Safety extra-low voltage circuits not earthed, unless		N/A
	protective extra-low voltage circuits		N/A
27.2	Clamping means of earthing terminals adequately secured against accidental loosening		N/A
	Terminals 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, and		N/A
	conductors cannot be loosened without the aid of a tool		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes (IEC 60335-1/A1:2013)		N/A
27.3	For a detachable part having an earth connection and being plugged into another part of the appliance, the earth connection is made before and separated after current-carrying connections when removing the part		N/A
	For appliances with supply cords, current-carrying conductors become taut before earthing conductor, if the cord slips out of the cord anchorage		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes (IEC 60335-1/A1:2013)		N/A
27.4	No risk of corrosion resulting from contact between parts of the earthing terminal and the copper of the earthing conductor or other metal		N/A
	Parts providing earthing continuity, other than parts of a metal frame or enclosure, have adequate resistance to corrosion		N/A
	If of steel, these parts provided with an electroplated coating with a thickness at least 5 µm		N/A
	Adequate protection against rusting of parts of coated or uncoated steel, only intended to provide or transmit contact pressure		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	In the body of the earthing terminal is a part of a frame or enclosure of aluminium or aluminium alloys, precautions taken to avoid risk of corrosion		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes (IEC 60335-1/A1:2013)		N/A
27.5	Low resistance of connection between earthing terminal and earthed metal parts		N/A
	This requirement does not apply to connections providing earthing continuity in the protective extra-low voltage circuit, provided the clearances of basic insulation are based on the rated voltage of the appliance		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes (IEC 60335-1/A1:2013)		N/A
	Resistance not exceeding 0,1 Ω at the specified low-resistance test (Ω) .....:		N/A
27.6	The printed conductors of printed circuit boards not 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		N/A
	Requirements not applicable to class II appliances and class III appliances that incorporate an earth for functional purposes (IEC 60335-1/A1:2013)		N/A
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 connections or connections providing earthing continuity		N/A
	Screws used for electrical connections or connections providing earthing continuity screwed into metal		N/A
	Screws not of insulating material if their replacement by a metal screw can impair supplementary or reinforced insulation		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	For 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 impairs basic insulation		N/A
	For screws and nuts; torque-test as specified in table 14.....:	(see appended table)	N/A
28.2	Electrical connections and connections providing earthing continuity constructed so that contact pressure is not transmitted through non-ceramic insulating material liable to shrink or distort, unless		N/A
	there is resiliency in the metallic parts to compensate for shrinkage or distortion of the insulating material		P
	This requirement does not apply to electrical connections in circuits of appliances for which:		--
	• 30.2.2 is applicable and that carry a current not exceeding 0,5 A		N/A
	• 30.2.3 is applicable and that carry a current not exceeding 0,2 A		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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
28.4	Screws and nuts that make mechanical connection secured against loosening if they also make electrical connections or connections providing earthing continuity		P
	This requirement does not apply to screws in the earthing circuit if at least two screws are used, or		N/A
	if an alternative earthing circuit is provided		N/A
	Rivets for electrical connections or connections providing earthing continuity secured against loosening if the connections are subjected to torsion		P
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 protection		N/A
	For type 2 protection, the spacing between the conductors before the protection is applied is not less than the values specified in Table 1 of IEC 60664-3		N/A
	These values apply to functional, basic, supplementary and reinforced insulation .....:		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 .....:	(see appended table)	P
	for basic insulation and functional insulation they comply with the impulse voltage test of clause 14		N/A
	However, if the distances are 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		P
	For appliances intended for use at altitudes exceeding 2 000 m, the clearances in Table 16 is increased according to the relevant multiplier values in Table A.2 of IEC 60664-1 (IEC 60335-1/A1:2013)		N/A
	Impulse voltage test is not applicable:		--
	- when the microenvironment is pollution degree 3, or		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- for basic insulation of class 0 and class 01 appliances		N/A
	- to appliances intended for use at altitudes exceeding 2 000 m (IEC 60335-1/A1:2013)		N/A
	Appliances are in overvoltage category II		P
	A force of 2 N is applied to bare conductors, other than heating elements		N/A
	A force of 30 N is applied to accessible surfaces		P
29.1.1	Clearances of basic insulation withstand the overvoltages, taking into account the rated impulse voltage		P
	The values of table 16 or the impulse voltage test of clause 14 are applicable.....:	(see appended table)	P
	Clearance at the terminals of tubular sheathed heating elements may be reduced to 1,0 mm 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 .....:	(see appended table)	P
29.1.3	Clearances of reinforced insulation not less than those specified for basic insulation in table 16, using the next higher step for rated impulse voltage .....:	(see appended table)	P
	For double insulation, with no intermediate conductive part between basic and supplementary insulation, clearances are measured between live parts and the accessible surface, and the insulation system is treated as reinforced insulation		P
29.1.4	Clearances for functional insulation are the largest values determined from:		--
	- table 16 based on the rated impulse voltage .....:	(see appended table)	P
	- table F.7a in IEC 60664-1, frequency not exceeding 30 kHz		P
	- clause 4 of IEC 60664-4, frequency exceeding 30 kHz		N/A
	If values of table 16 are largest, the impulse voltage test of clause 14 may be applied instead, unless		N/A
	the microenvironment is pollution degree 3, or		P
	the distances can be affected by wear, distortion, movement of the parts or during assembly		P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	However, clearances are not specified if 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 voltages than rated voltage, clearances for basic insulation are the largest values determined from:		--
	- table 16 based on the rated impulse voltage .....:		N/A
	- table F.7a in IEC 60664-1, frequency not exceeding 30 kHz		N/A
	- clause 4 of IEC 60664-4, frequency exceeding 30 kHz		N/A
	If clearances for basic insulation are selected from Table F.7a of IEC 60664-1 or Clause 4 of IEC 60664-4, the clearances of supplementary insulation are not less than those specified for basic insulation		N/A
	If clearances for basic insulation are selected from Table F.7a of IEC 60664-1, the clearances of reinforced insulation dimensioned as specified in Table F.7a are to withstand 160% of the withstand voltage required for basic insulation		N/A
	If clearances for basic insulation are selected from Clause 4 of IEC 60664-4, the clearances of reinforced insulation are twice the value required for basic insulation		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 are 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.....:	(see appended table)	P
	Pollution degree 2 applies, unless	Indictor covred by tube	P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- precautions taken to protect the insulation; pollution degree 1		N/A
	- insulation subjected to conductive pollution; pollution degree 3		P
	A force of 2 N is applied to bare conductors, other than heating elements		N/A
	A force of 30 N is applied to accessible surfaces		P
	In a double insulation system, the working voltage for both the basic and supplementary insulation is taken as the working voltage across the complete double insulation system		P
	Microenvironment is pollution degree 3 (IEC 60335-2-14)		P
	unless insulation enclosed or located so that it is unlikely to be exposed to pollution during normal use of the appliance (IEC 60335-2-14)		N/A
29.2.1	Creepage distances of basic insulation not less than specified in table 17.....:	(see appended table)	P
	However, if the working voltage is periodic and has a frequency exceeding 30 kHz, the creepage distances are also determined from table 2 of IEC 60664-4, these values being used if exceeding the values in table 17 .....:		N/A
	Except for pollution degree 1, corresponding 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 those specified for basic insulation in table 17, or .....:	(see appended table)	P
	Table 2 of IEC 60664-4, as applicable .....:		N/A
29.2.3	Creepage distances of reinforced insulation at least double those specified for basic insulation in table 17, or .....:	(see appended table)	P
	Table 2 of IEC 60664-4, as applicable .....:		N/A
29.2.4	Creepage distances of functional insulation not less than specified in table 18.....:	(see appended table)	P
	However, if the working voltage is periodic and has a frequency exceeding 30 kHz, the creepage distances are also determined from table 2 of IEC 60664-4, these values being used if exceeding the values in table 18 .....:		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	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 have 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
	- by an electric strength test in accordance with 29.3.2, or		N/A
	- for insulation, other than single layer internal wiring insulation, by an assessment of the thermal quality of the material combined with an electric strength test, in accordance with 29.3.3, and (IEC 60335-1/A1:2013)		N/A
	for accessible parts of reinforced insulation consisting of a single layer, by measurement in accordance with 29.3.4, or		N/A
	- by an assessment of the thermal quality of the material according to 29.3.3 combined with an electric strength test in accordance with 23.5, for each single layer internal wiring insulation touching each other, or (IEC 60335-1/A1:2013)		N/A
	- as specified in subclause 6.3 of IEC 60664-4 for insulation that is subjected to any periodic voltage having a frequency exceeding 30 kHz		N/A
29.3.1	Supplementary insulation have a thickness of at least 1 mm		P
	Reinforced insulation have a thickness of at least 2 mm		P
29.3.2	Each layer of material withstand the electric strength test of 16.3 for supplementary insulation		N/A
	Supplementary insulation consist of at least 2 layers		N/A
	Reinforced insulation consist 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
	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
29.3.4	Thickness of accessible parts of reinforced insulation consisting of a single layer not less than specified in table 19.....:		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
30	**RESISTANCE TO HEAT AND FIRE**		
30.1	External parts of non-metallic material,		P
	parts supporting live parts, and		P
	parts of 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 tested 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 tested 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 tested at 25 °C plus the maximum temperature rise determined during clause 19, if higher; temperature (°C) .....:	(see appended table)	P
	For ice-cream machines for use in refrigerators and freezers, temperature of 40 °C instead of 10 °C. (IEC 60335-2-14)		N/A
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		P
	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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
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		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 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		P
	parts of non-metallic material within a distance of 3mm of such connections,		P
	subjected to the glow-wire test of IEC 60695-2-11		P
	The test severity is:		--
	- 750 °C, for connections carrying a current exceeding 0,5 A during normal operation		P
	- 650 °C, for other connections		P
	Glow-wire applied to an interposed shielding material, if relevant		P
	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 .....:		P
30.2.3	Appliances operated while unattended, tested as specified in 30.2.3.1 and 30.2.3.2		N/A
	The tests are not applicable to conditions as specified .....:		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
30.2.3.1	Parts of non-metallic material supporting connections carrying a current exceeding 0,2 A during normal operation, and		N/A
	parts of non-metallic material, other than small parts, within a distance of 3 mm,		N/A
	subjected to the glow-wire test of IEC 60695-2-11 with a test severity of 850 °C		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 850 °C		N/A
30.2.3.2	Parts of non-metallic material supporting connections, and		N/A
	parts of non-metallic material within a distance of 3mm,		N/A
	subjected to glow-wire test of IEC 60695-2-11		N/A
	The test severity is:		--
	- 750 °C, for connections carrying a current exceeding 0,2 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
	However, the glow-wire test of 750 °C or 650 °C as appropriate, is not carried out on parts of material fulfilling both or either of the following classifications:		--
	- a glow-wire ignition temperature according to IEC 60695-2-13 of at least:		N/A
	• 775 °C, for connections carrying a current exceeding 0,2 A during normal operation		N/A
	• 675 °C, for other connections		N/A
	- a glow-wire flammability index according to IEC 60695-2-12 of at least:		N/A
	- 750 °C, for connections carrying a current exceeding 0,2 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 ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- 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
	The consequential needle-flame test of Annex E applied to non-metallic parts that encroach within the vertical cylinder placed above the centre of the connection zone and on top of the non-metallic parts supporting current-carrying connections, and parts of non-metallic material within a distance of 3 mm of such connections if these parts are those:		--
	- parts that withstood the glow-wire test of IEC 60695-2-11 of 750 °C or 650 °C as appropriate, but produce a flame that persist longer than 2 s, or		N/A
	- parts that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts, that comprised material having a glow-wire flammability index of at least 750 °C or 650 °C as appropriate, or		N/A
	- small parts for which the needle-flame test of Annex E was applied, or		N/A
	- small parts for which a material classification of V-0 or V-1 was applied		N/A
	However, the consequential needle-flame test is not carried out on non-metallic parts, including small parts, within the cylinder that are:		--
	- parts having a glow-wire ignition temperature of at least 775 °C or 675 °C as appropriate, or		N/A
	- parts comprising material classified as V-0 or V-1 according to IEC 60695-11-10, or		N/A
	- parts shielded by a flame barrier that meets the needle-flame test of Annex E or that comprises material 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 the 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
	Tests specified in part 2 when necessary		N/A
32	**RADIATION, TOXICITY AND SIMILAR HAZARDS**		

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Appliance does not emit harmful radiation or present a toxic or similar hazard due to their operation in normal use		P
	Compliance is checked by the limits or tests specified in part 2, if relevant		N/A
A	**ANNEX A (INFORMATIVE) ROUTINE TESTS**		
	Description of routine tests to be carried out by the manufacturer		P
B	**ANNEX B (NORMATIVE) APPLIANCES POWERED BY RECHARGEABLE BATTERIES THAT ARE RECHARGED IN THE APPLIANCE**		
	The following modifications to this standard are applicable for appliances powered by batteries that are recharged in the appliance		N/A
	Three forms of construction covered: (IEC 60335-1/A1:2013)		--
	a) Appliance supplied directly from the supply mains or a renewable energy source, the battery charging circuitry and other supply unit circuitry incorporated within the appliance (IEC 60335-1/A1:2013)		N/A
	b) The part of the appliance incorporating the battery is supplied from the supply mains or a renewable energy source, via a detachable supply unit. The battery charging circuitry is incorporated within the part of the appliance containing the battery (IEC 60335-1/A1:2013)		N/A
	c) The part of the appliance incorporating the battery is supplied from the supply mains or a renewable energy source, via a detachable supply unit. The battery charging circuitry is incorporated within the detachable supply unit (IEC 60335-1/A1:2013)		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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	- 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.B.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
	The positive terminal indicated by symbol IEC 60417-5005 and the negative terminal by symbol IEC 60417-5006		N/A
	Appliances intending to be supplied from a detachable supply unit marked with symbol IEC 60417-6181 and its type reference along with symbol ISO 7000-0790 (2004-01), or (IEC 60335-1/A1:2013)		N/A
	use only with <model designation> supply unit (IEC 60335-1/A1:2013) ....:		N/A
7.6	Symbols 60417-5005 and IEC 60417-5006		N/A
7.12	The instructions give information regarding charging		N/A
	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
	For appliances intending to be supplied from a detachable supply unit for the purposes of recharging the battery, the type reference of the detachable supply unit is stated along with the following: (IEC 60335-1/A1:2013)		--
	WARNING: For the purposes of recharging the battery, only use the detachable supply unit provided with this appliance (IEC 60335-1/A1:2013)		N/A
	If the symbol for detachable supply unit is used, its meaning is explained (IEC 60335-1/A1:2013)		N/A
7.15	Markings placed on the part of the appliance connected to the supply mains		N/A
	The type reference of the detachable supply unit is placed in close proximity to the symbol (IEC 60335-1/A1:2013)		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
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 stated in the instructions or 24 h .....:		N/A
11.8	Temperature rise of the battery surface does not exceed the limit in the battery manufacturer's specification; measured (K); limit (K) (IEC 60335-1/A1:2013) .....:		N/A
	If no limit specified, the temperature rise does not exceed 20 K; measured (K) (IEC 60335-1/A1:2013) .....:		N/A
19.1	Appliances subjected to tests of 19.B.101, 19.B.102 and 19.B.103		N/A
19.10	Not applicable		N/A
19.B.101	Appliances supplied at rated voltage for 168 h, the battery being continually charged		N/A
19.B.102	For appliances having batteries that can be removed without the aid of a tool, short-circuit of the terminals of the battery, the battery being fully charged,		N/A
19.B.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
19.13	The battery does not rupture or ignite (IEC 60335-1/A1:2013)		N/A
21.B.101	Appliances having pins for insertion into socket-outlets have adequate mechanical strength		N/A
	Part of the appliance incorporating the pins subjected to the free fall test, procedure 2, of IEC 60068-2-31, the number of falls being:		--
	- 100, if the mass of the part does not exceed 250 g (g) .....:		N/A
	- 50, if the mass of the 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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
25.13	An additional lining or bushing not required for interconnection cords in class III appliances or class III constructions operating at safety extra-low voltage not containing live parts		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
C	**ANNEX C (NORMATIVE) AGEING TEST ON MOTORS**		
	The value of *p* in Table C.1 is 2 000, (IEC 60335-2-14)		N/A
	except for the following appliances for which it is 500: bean slicers, blenders, can openers, cheese graters, citrus-fruit squeezers, graters, ice-cream machines for use in refrigerators and freezers, knife sharpeners, knives, sieving machines, shredders. (IEC 60335-2-14)		N/A
D	**ANNEX D (NORMATIVE) THERMAL MOTOR PROTECTORS**		
	Applicable to appliances having motors that incorporate thermal motor protectors necessary for compliance with the standard	only for BL9703-CE and BL9000BA-GS, BL9702AC-GS	P
	Test conditions as specified		P
E	**ANNEX E (NORMATIVE) NEEDLE-FLAME TEST**		
	Needle-flame test carried out in accordance with IEC 60695-11-5, with the following modifications:		--
7	Severities		--
	The duration of application of the test flame is 30 s ± 1 s		N/A
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		N/A
9.2	The first paragraph does not apply		N/A
	If possible, the flame is applied at least 10 mm from a corner		N/A
9.3	The test is carried out on one specimen		N/A
	If the specimen does not withstand the test, the test may be repeated on two additional specimens, both withstanding the test		N/A
11	Evaluation of test results		--

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	The duration of burning not exceeding 30 s		N/A
	However, for printed circuit boards, the duration of burning not exceeding 15 s		N/A
F	**ANNEX F (NORMATIVE) CAPACITORS**		
	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:		--
1.5	Terms and definitions		--
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 3 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 11 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 are applicable		N/A
4.14.7	Only insulation resistance and voltage proof are checked		N/A
	No visible damage		N/A
4.17	Passive flammability test		--

IEC 60335-2-14			
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:		---
7	Marking and instructions		--
7.1	Transformers for specific use marked with:		--
	-name, trademark or identification mark of the manufacturer or responsible vendor .....:		N/A
	-model or type reference .....:		N/A
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		N/A
29	Clearances, creepage distances and solid insulation		--
29.1, 29.2, 29.3	The distances specified in items 2a, 2c and 3 in table 13 of IEC 61558-1 apply		N/A
	For insulated winding wires complying with subclause 19.12.3 of IEC 61558-1 there are no requirements for clearances or creepage distances		N/A
	For windings providing reinforced insulation, the distance specified in item 2c of table 13 of IEC 61558-1 is not assessed		N/A
	For safety isolating transformers subjected to periodic voltages with a frequency exceeding 30 kHz, the clearances, creepage distances and solid insulation values specified in IEC 60664-4 are applicable, if greater than the values specified in items 2a, 2c and 3 in table 13 of IEC 61558-1		N/A
H	**ANNEX H (NORMATIVE)** **SWITCHES**		
	Switches comply with the following clauses of IEC 61058-1, as modified below:		--
	The tests of IEC 61058-1 carried out under the conditions occurring in the appliance	For interlock switch	P
	Before being tested, switches are operated 20 times without load		P
8	Marking and documentation		--

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Switches are not required to be marked		P
	However, a switch that can be tested separately from the appliance marked with the manufacturer's name or trade mark and the type reference		N/A
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 declared according to 7.1.4 is 10 000, unless		P
	otherwise specified in 24.1.3 of the relevant part 2 of IEC 60335 .....:		N/A
	Switches for operation under no load and which can be operated only by a tool, and		N/A
	switches operated by hand that are interlocked so that they cannot be operated under load,		N/A
	are not subjected to the tests		N/A
	However, switches without this interlock are subjected to the test of 17.2.4.4 for 100 cycles of operation		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
	The temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1 (K) .....:		P
20	Clearances, creepage distances, solid insulation and coatings of rigid printed board assemblies		--
	Clause 20 is applicable to clearances across full disconnection and micro-disconnection (IEC 60335-1/A1:2013)		N/A
	It is also applicable to creepage distances for functional insulation, across full disconnection and micro-disconnection, as stated in Table 24 (IEC 60335-1/A1:2013)		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
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:		--
8	Protection against access to live parts		--
8.1	Metal parts of the motor are considered to be bare live parts		N/A
11	Heating		--
11.3	The temperature rise of the body of the motor is determined instead of the temperature rise of the windings		N/A
11.8	The 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 is not subjected to the test		N/A
19	Abnormal operation		--
19.1	The tests of 19.7 to 19.9 are not carried out		N/A
19.I.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.I.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:		--

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
5.7	Conditioning of the test specimens		--
	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**		
	Information for the determination of clearances and creepage distances		P
M	**ANNEX M (NORMATIVE) POLLUTION DEGREE**		
	The information on pollution degrees is extracted from IEC 60664-1		P
	Pollution		--

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	The microenvironment determines the effect of pollution on the insulation, taking into account the macroenvironment		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:		--
7	Test apparatus		--
7.3	Test solutions		--
	Test solution A is used		P
10	Determination of proof tracking index (PTI)		--
10.1	Procedure		--
	The proof voltage is 100V, 175V, 400V or 600V...:	175	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 states if the PTI value was based on a test using 100 drops with a test voltage of (PTI-25) V		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
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 01 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 1 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		--
5.7	The ambient temperature for the tests of clauses 11 and 13 is 40 +3/0 °C		N/A
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 residual current device (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
11.8	The values of Table 3 are reduced by 15 K		N/A
13.2	The leakage current for class I appliances not exceeding 0,5 mA		N/A
15.3	The value of t is 37 °C		N/A
16.2	The leakage current for class I appliances not exceeding 0,5 mA (mA):		N/A
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**		
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 validated in accordance with the requirements of this annex		N/A
R.1	Programmable electronic circuits using software		

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 constructed so that the software does not impair compliance with the requirements of this standard		N/A
R.2	Requirements for the architecture		--
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2 use measures to control and avoid software-related faults/errors in safety-related data and safety-related segments of the software		N/A
R.2.1.1	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.2 have one of the following structures:		--
	- single channel with periodic self-test and monitoring		N/A
	- dual channel (homogenous) with comparison		N/A
	- dual channel (diverse) with comparison		N/A
	Programmable electronic circuits requiring software incorporating measures to control the fault/error conditions specified in table R.1 have one of the following structures:		--
	- single channel with functional test		N/A
	- single channel with periodic self-test		N/A
	- dual channel without comparison		N/A
R.2.2	Measures to control faults/errors		--
R.2.2.1	When redundant memory with comparison is provided on two areas of the same component, the data in one area is stored in a different format from that in the other area		N/A
R.2.2.2	Programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.2 and that use dual channel structures with comparison, have additional fault/error detection means for any fault/errors not detected by the comparison		N/A
R.2.2.3	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, means are provided for the recognition and control of errors in transmissions to external safety-related data paths		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
R.2.2.4	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, the programmable electronic circuits incorporate measures to address the fault/errors in safety-related segments and data indicated in table R.1 and R.2 as appropriate		N/A
R.2.2.5	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, detection of a fault/error occur before compliance with clause 19 and 20.101 is impaired (IEC 60335-2-14/A2:2012)		N/A
R.2.2.6	The software is referenced to relevant parts of the operating sequence and the associated hardware functions		N/A
R.2.2.7	Labels used for memory locations are unique		N/A
R.2.2.8	The software is protected from user alteration of safety-related segments and data		N/A
R.2.2.9	Software and safety-related hardware under its control is initialized and terminates before compliance with clause 19 and 20.101 is impaired (IEC 60335-2-14/A2:2012)		N/A
R.3	Measures to avoid errors		--
R.3.1	General		--
	For programmable electronic circuits with functions requiring software incorporating measures to control the fault/error conditions specified in table R.1 or R.2, the following measures to avoid systematic fault in the software are applied		--
	Software that incorporates measures used to control the fault/error conditions specified in table R.2 is inherently acceptable for software required to control the fault/error conditions specified in table R.1		N/A
R.3.2	Specification		--
R.3.2.1	Software safety requirements:	Software Id:	N/A
	The specification of the software safety requirements includes the descriptions listed		N/A
R.3.2.2	Software architecture		--

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
R.3.2.2.1	The specification of the software architecture includes the aspects listed - techniques and measures to control software faults/errors (refer to R.2.2); - interactions between hardware and software; - partitioning into modules and their allocation to the specified safety functions; - hierarchy and call structure of the modules (control flow); - interrupt handling; - data flow and restrictions on data access; - architecture and storage of data; - time-based dependencies of sequences and data	Document ref. No:	N/A
R.3.2.2.2	The architecture specification is validated against the specification of the software safety requirements by static analysis		N/A
R.3.2.3	Module design and coding		--
R.3.2.3.1	Based on the architecture design, software is suitably refined into modules		N/A
	Software module design and coding is implemented in a way that is traceable to the software architecture and requirements		N/A
R.3.2.3.2	Software code is structured		N/A
R.3.2.3.3	Coded software is validated against the module specification by static analysis		N/A
	The module specification is validated against the architecture specification by static analysis		N/A
R.3.3.3	Software validation		--
	The software is validated with reference to the requirements of the software safety requirements specification		N/A
	Compliance is checked by simulation of:		--
	- input signals present during normal operation		N/A
	- anticipated occurrences		N/A
	- undesired conditions requiring system action		N/A

TABLE R.1 [e] – GENERAL FAULT/ERROR CONDITIONS				
Component [a]	Fault/error	Acceptable measures [b,c]	Definitions See IEC 60730-1	Verdict

IEC 60335-2-14				
Clause	Requirement + Test	Result - Remark		Verdict
1 Central processing unit (CPU)				--
1.1 Registers	Stuck at	Functional test, or periodic self-test using either: - static memory test, or - word protection with single bit redundancy	H.2.16.5 H.2.16.6 H.2.19.6 H.2.19.8.2	N/A
1.2 VOID				--
1.3 Programme counter	Stuck at	Functional test, or Periodic self-test, or Independent time-slot monitoring, or Logical monitoring of the programme sequence	H.2.16.5 H.2.16.6 H.2.18.10.4 H.2.18.10.2	N/A
2 Interrupt handling and execution	No interrupt or too frequent interrupt	Functional test, or time-slot monitoring	H.2.16.5 H.2.18.10.4	N/A
3 Clock	Wrong frequency (for quartz synchronized clock: harmonics/sub-harmonics only)	Frequency monitoring, or time slot monitoring	H.2.18.10.1 H.2.18.10.4	N/A
4 Memory				--
4.1 Invariable memory	All single bit faults	Periodic modified checksum, or multiple checksum, or word protection with single bit redundancy	H.2.19.3.1 H.2.19.3.2 H.2.19.8.2	N/A
4.2 Variable memory	DC fault	Periodic static memory test, or word protection with single bit redundancy	H.2.19.6 H.2.19.8.2	N/A
4.3 Addressing (relevant to variable and invariable memory)	Stuck at	Word protection with single bit redundancy including the address	H.2.19.8.2	N/A
5 Internal data path	Stuck at	Word protection with single bit redundancy	H.2.19.8.2	N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

5.1 VOID				--
5.2 Addressing	Wrong address	Word protection with single bit redundancy including the address	H.2.19.8.2	N/A
6 External communication	Hamming distance 3	Word protection with multi-bit redundancy, or CRC – single work, or Transfer redundancy, or Protocol test	H.2.19.8.1 H.2.19.4.1 H.2.18.2.2 H.2.18.14	N/A
6.1 VOID				--
6.2 VOID				--
6.3 Timing	Wrong point in time	Time-slot monitoring, or scheduled transmission Time-slot and logical monitoring, or Comparison of redundant communication channels by either: - reciprocal comparison - independent hardware comparator	H.2.18.10.4 H.2.18.18 H.2.18.10.3 H.2.18.15 H.2.18.3	N/A
	Wrong sequence	Logical monitoring, or time-slot monitoring, or Scheduled transmission	H.2.18.10.2 H.2.18.10.4 H.2.18.18	
7 Input/output periphery	Fault conditions specified in 19.11.2	Plausibility check	H.2.18.13	N/A
7.1 VOID				--
7.2 Analog I/O				N/A
7.2.1 A/D and D/A-converter	Fault conditions specified in 19.11.2	Plausibility check	H.2.18.13	N/A
7.2.2 Analog multiplexer	Wrong addressing	Plausibility check	H.2.18.13	N/A
8 VOID				--
9 Custom chips [d] e.g. ASIC, GAL, gate array	Any output outside the static and dynamic functional specification	Periodic self-test	H.2.16.6	N/A
NOTE A Stuck-at fault model denotes a fault model representing an open circuit or a non-varying signal level. A DC fault model denotes a stuck-at fault model incorporating short circuit between signal lines.				

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

[a] For fault/error assessment, some components are divided into their sub-functions.
[b] For each sub-function in the table, the Table R.2 measure will cover the software fault/error.
[c] Where more than one measure is given for a sub-function, these are alternatives.
[d] To be divided as necessary by the manufacturer into sub-functions.
[e] Table R.1 is applied according to the requirements of R.1 to R.2.2.9 inclusive.

S	**ANNEX S (NORMATIVE)** **BATTERY OPERATED APPLIANCES POWERED BY BATTERIES THAT ARE NON-RECHARGEABLE OR NOT RECHARGED IN THE APPLIANCE** **(IEC 60335-1/A1:2013)**		
	The following modifications to this standard are applicable for battery-operated appliances where the batteries are either non-rechargeable (primary batteries), or		N/A
	rechargeable batteries (secondary batteries) that are not recharged in the appliance		N/A
5.8.1	If the supply terminals for the connection of the battery have no indication of polarity, the more unfavourable polarity is applied		N/A
5.S.101	Appliances intended for use with a battery box are tested with the battery box supplied with the appliance or with the battery box recommended in the instructions		N/A
5.S.102	Appliances are tested as motor-operated appliances.		N/A
7.1	Appliances marked with the battery voltage (V) and the polarity of the terminals, unless..... .....:		N/A
	the polarity is irrelevant		N/A
	Appliances also marked with:		--
	– name, trade mark or identification mark of the manufacturer or responsible vendor ....:		N/A
	– model or type reference ....:		N/A
	– IP number according to degree of protection against ingress of water, other than IPX0 .. ..:		N/A
	– type reference of battery or batteries ....:		N/A
	If relevant, the positive terminal is indicated by the symbol IEC 60417-5005 and the negative terminal by the symbol IEC 60417-5006		N/A
	If appliances use more than one battery, they are marked to indicate correct polarity connection of the batteries		N/A
7.6	Additional symbols		N/A
7.12	The instructions contain the following, as applicable:		--

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
	– the types of batteries that may be used .. ..:		N/A
	– how to remove and insert the batteries		N/A
	– non-rechargeable batteries are not to be recharged		N/A
	– rechargeable batteries are to be removed from the appliance before being charged		N/A
	– different types of batteries or new and used batteries are not to be mixed		N/A
	– batteries are to be inserted with the correct polarity		N/A
	– exhausted batteries are to be removed from the appliance and safely disposed of		N/A
	– if the appliance is to be stored unused for a long period, the batteries are removed		N/A
	– the supply terminals are not to be short-circuited		N/A
11.5	Appliances are supplied with the most unfavourable supply voltage between		--
	– 0,55 and 1,0 times the battery voltage, if the appliance can be used with non-rechargeable batteries		N/A
	– 0,75 and 1,0 times battery voltage, if the appliance is designed for use with rechargeable batteries only		N/A
	The values specified in Table S.101 for the internal resistance per cell of the battery is taken into account		N/A
19.1	The tests are carried out with the battery fully charged unless otherwise specified		N/A
19.13	The battery does not rupture or ignite		N/A
19.S.101	Appliances are supplied with the voltage specified in 11.5. The supply terminals having an indication of polarity are connected to the opposite polarity, unless		N/A
	such a connection is unlikely to occur due to the construction of the appliance		N/A
19.S.102	For appliances with provision for multiple batteries, one or more of the batteries are reversed and the appliance is operated, if reversal of batteries is allowed by the construction		N/A
25.5	The flexible leads or flexible cord used to connect an external battery or battery box in is connected to the appliance by a type X attachment		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
25.13	This requirement is not applicable to the flexible leads or flexible cord connecting external batteries or a battery box with an appliance		N/A
25.S.101	Appliances have suitable means for connection of the battery. If the type of battery is marked on the appliance, the means of connection is suitable for this type of battery		N/A
26.5	Terminal devices in an appliance for the connection of the flexible leads or flexible cord connecting an external battery or battery box are so located or shielded that there is no risk of accidental connection between supply terminals		N/A
30.2.3.2	There is no battery in the area of the vertical cylinder used for the consequential needle flame test, unless		N/A
	the battery is shielded by a barrier that meets the needle flame test of Annex E, or		N/A
	that comprises material classified as V-0 or V-1 according to IEC 60695-11-10		N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

10.1	TABLE: Power input deviation				P
Input deviation of/at:	P rated (W)	P measured (W)	dP (W, %)	Required dP (W, %)	Remark
230V, 50Hz	550	420,2	-23,6%	+15%	BL9000C-GS
230V, 60Hz	550	414,2	-24,7%	+15%	
230V, 50Hz	500	390,0	-22,0%	+15%	BL9000-GS
230V, 60Hz	500	370,8	-25,8%	+15%	
230V, 50Hz	500	378,0	-24,4%	+15%	BL9702-GS
230V, 60Hz	500	373,8	-25,2%	+15%	
230V, 50Hz	500	282,6	-43,5%	+15%	BL9000E-GS with mill cup
230V, 60Hz	500	279,5	-44,1%	+15%	
230V, 50Hz	500	412,3	-17,5%	+15%	BL9000BA-GS
230V, 60Hz	500	418,5	-16,3%	+15%	
230V, 50Hz	500	432,0	-13,6%	+15%	BL9703AK-GS Blender: Load as clause 3.1.9.102
230V, 60Hz	500	435,0	-13,0%	+15%	
230V, 50Hz	500	388,4	-22,3%	+15%	BL9703AK-GS Chopper: load as user manual
230V, 60Hz	500	374,3	-25,2%	+15%	
230V, 50Hz	500	318,2	-36,4%	+15%	BL9703AK-GS Grinder: load as clause 3.1.9.108
230V, 60Hz	500	288,1	-42,4%	+15%	
230V, 50Hz	500	319,7	-36,3%	+15%	BL9703AK-GS Grinder: coffee mills, load as user manual
230V, 60Hz	500	298,5	-40,5%	+15%	
230V, 50Hz	500	532,0	+6,4%	+15%	BL9703AK-GS Grinder: beef, load as user manual
230V, 60Hz	500	525,3	+5,0%	+15%	
230V, 50Hz	500	416,4	-16,7%	+15%	BL9000AB-CB Blender: Load as clause 3.1.9.102
230V, 60Hz	500	408,6	-18,3%	+15%	
230V, 50Hz	500	450,1	-10,0%	+15%	BL9000AB-CB Blender: Load as user manual
230V, 60Hz	500	442,8	-11,4%	+15%	
230V, 50Hz	500	395,1	-20,98%	+15%	BL9006AD-GS Blender: Load as user manual
230V, 60Hz	500	390,2	-21,96%	+15%	
230V, 50Hz	700	469,9	-32,9%	+15%	BL9703BB-GS
230V, 60Hz	700	456,1	-34,8%	+15%	

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

230V, 50Hz	800	411,0	-48,6%	+15%	BL9702I-GS
230V, 60Hz	800	408,0	-49,0%	+15%	
230V, 50Hz	600	319,7	-46,7%	+15%	BL9000FA-GS
230V, 60Hz	600	307,0	-48,8%	+15%	
230V, 50Hz	800	429,3	-46,3%	+15%	BL9702PA-GS
230V, 60Hz	800	437,9	-45,3%	+15%	
230V, 50Hz	500	417,2	-16,6%	+15%	BL9000DE-GS
230V, 60Hz	500	413,5	-17,3%	+15%	
230V, 50Hz	500	276,2	-44,8%	+15%	BL9000DE-GS Grinder: coffee mills, load as user manual
230V, 60Hz	500	297,3	-40,5%	+15%	
Supplementary information:					

10.2	**TABLE: Current deviation**				N/A
Current deviation of/at:	I rated (A)	I measured (A)	dI (A, %)	Required dI (A, %)	Remark
Supplementary information:					

11.7	Table : normal operation				P
Test step	Load (ingredients)	quantity	Time of operation (on/off)	Number of operation	remark
Step 1	Rated power	--	3min on+1min off	10 cycles	The dT. of the motor winding exceed the Max. dT in the first cycle.
Step 2	Carrots+water	soaked carrots: water =2:3	(3+1) min on+1min off	10 cycles	Pass
Step 2	Carrots+water	soaked carrots: water =2:3	(3+1) min on /1min off	10 cycles	BL9703AK-GS Blender: Load as clause 3.1.9.102

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Step 2	Grinder: Beef	120g	KB 6s +1min on / 1min off	3 cycles	BL9703AK-GS Grinder: beef, load as user manual
Step 2	Bender: Carrots+water	soaked carrots: water =2:3	(2+1) min on /1min off	10 cycles	BL9000AB-CB Load as user manual (carrots: 25mm×25mm×25mm)
Step 2	Carrots+water	soaked carrots: water =2:3	(3+1) min on+1min off	10 cycles	BL9703BB-GS
Step 2	Carrots+water	soaked carrots: water =2:3	(3+1) min on+1min off	10 cycles	BL9702I-GS
Step 2	Carrots+water	soaked carrots: water =2:3	(3+1) min on+1min off	10 cycles	BL9000FA-GS
Step 2	Carrots+water	soaked carrots: water =2:3	(2+1) min on+1min off	10 cycles	BL9702PA-GS
Step 2	Carrots+water	soaked carrots: water =2:3	(2+1) min on+1min off	10 cycles	BL9006AD-GS
Step 2	Carrots+water	soaked carrots: water =2:3	3 min on+1min off	10 cycles	BL9000C-GS
Step 2	Carrots+water	soaked carrots: water =2:3	3 min on+1min off	10 cycles	BL9000DE-GS
Supplementary information:					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	22,2°C	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	141,1	115
Winding of stator	180,3	115
Winding of stator	100,2	115
Winding of rotor	99,5	115
Winding of rotor	117,8	115

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V)....:		254,4			—
	Ambient (°C)....:		21,0			—
	Ambient (°C)....:		22,2			—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class	
Winding of stator	7,57	13,50	191,5	115	Class 155/F	
Supplementary information: BL9000C-GS Step 1						

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V)....:	1,06 X240=254,4V	—
	Ambient (°C)....:	24,6°C	—
Thermocouple locations	dT (K)	Max. dT (K)	
Winding of stator	182,8	115	
Winding of stator	172,4	115	
Winding of stator	284,4	115	
Winding of stator	176,4	115	

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V)....:		254,4			—
	Ambient (°C)....:		23,0			—
	Ambient (°C)....:		24,6			—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class	
Winding of stator	8,5	16,52	232,4	115	Class 155/F	
Supplementary information: BL9000-GS Step 1						

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V)....:	1,06 X240=254,4V	—
	Ambient (°C)....:	24,0°C	—
Thermocouple locations	dT (K)	Max. dT (K)	
Winding of stator	123,7	115	
Winding of stator	208,3	115	
Winding of stator	218,0	115	
Winding of stator	138,3	115	

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

11.8	TABLE: Heating test, resistance method					N/A
	Test voltage (V).....:					—
	Ambient (°C).....:					—
	Ambient (°C).....:					—
Temperature rise of winding		R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Supplementary information: BL9000E-GS Step 1						

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,8°C	—
Thermocouple locations	dT (K)	Max. dT (K)	
Winding of stator	118,0	115	
Winding of stator	98,4	115	

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V).....:			254,4		—
	Ambient (°C).....:			24,1		—
	Ambient (°C).....:			24,8		—
Temperature rise of winding		R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator		7,20	10,86	125,9	115	Class 155/F
Supplementary information: BL9000BA-GS Step 1						

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,5°C	—
Thermocouple locations	dT (K)	Max. dT (K)	
Winding of stator	136,5	115	
Winding of stator	152,7	115	
Supplementary information: BL9703BB-GS Step 1			

11.8	TABLE: Heating test, thermocouples	P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,4°C	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	170,0	115
Winding of stator	145,5	115

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	24,5	—
	Ambient (°C).....:	24,4	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	4,12	6,69	155,7	115	Class 155/F

Supplementary information: BL9702I-GS Step 1

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	22,6°C	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	102,6	115
Winding of stator	93,6	115

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	21,3	—
	Ambient (°C).....:	22,6	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of rotor	3,64	5,64	139,3	115	Class 155/F

Supplementary information: BL9000FA-GS Step 1

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,3°C	—

Thermocouple locations	dT (K)	Max. dT (K)

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Winding of stator		111,4		115	
Winding of stator		115,9		115	
11.8	TABLE: Heating test, resistance method				P
	Test voltage (V)....:	254,4			—
	Ambient (°C)....:	24,8			—
	Ambient (°C)....:	24,9			—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	6,99	10,41	122,1	115	Class 155/F
Supplementary information: BL9006AD-GS Step 1					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V)....:	1,06 X240=254,4V	—
	Ambient (°C)....:	24,8	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	106,8	115 (class 155)
Winding of stator	95,6	115 (class 155)
Winding of stator	98,5	115 (class 155)
Lead wire (motor)	38,2	80
Y capactor of motor	40,9	100
Speed switch	15,0	80
Body material (top of motor)	59,9	Cl.30
Motor brush	93,9	Cl.30
X2 capacitor	26,5	60
Close-end connector	26,5	80
Power supply cord	30,1	50
Ambient of interlock switch	38,2	Annex H
Knob surface	6,9	60
Outer surface 1	16,4	65
Outer surface 2	6,8	65
Test floor	12,4	65

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V)....:	254,4	—
	Ambient (°C)....:	23,0	—

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

	Ambient (°C).....:		24,8		—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	8,45	11,95	100,9	115	Class 155/F
Supplementary information: BL9000-GS Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	23,2	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	53,8	115 (class 155)
Winding of stator	67,8	115 (class 155)
Winding of stator	68,7	115 (class 155)
Winding of stator	68,6	115 (class 155)
Motor brush	90,5	Cl.30
Y capacitor	37,9	100
X capacitor	19,0	80
Internal wire	45,1	80
Body material (top of motor)	59,9	Cl.30
Power supply cord	21,1	50
Speed switch	15,9	Cl.30
Base	46,6	Cl.30
Enclosure inside	20,1	Cl.30
Enclosure inside	13,6	Cl.30
Base	48,0	Cl.30
Enclosure outside	8,2	45
Enclosure outside	19,3	45
Knob	3,6	60
Test corner	18,1	65

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V).....:		254,4			—
	Ambient (°C).....:		23,0			—
	Ambient (°C).....:		23,2			—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class	

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Winding of stator	7,14	9,22	72,0	115	Class 155/F
Supplementary information: BL9702-GS Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	23,2	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	100,3	115 (class 155)
Winding of stator	89,1	115 (class 155)
Winding of stator	104,1	115 (class 155)
Motor brush	91,0	Cl.30
Y capacitor	54,6	100
X capacitor	33,1	80
Internal wire	31,8	80
Power supply cord	41,4	50
Speed switch	26,2	Cl.30
Base	68,0	Cl.30
Enclosure inside	16,9	Cl.30
Enclosure outside	31,8	45
Knob	17,9	60
Test corner	2,1	65

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	24,6	—
	Ambient (°C).....:	24,8	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	7,45	10,66	107.6	115	Class 155/F
Supplementary information: BL9000BA-GS Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,6	—

Thermocouple locations	dT (K)	Max. dT (K)
Motor winding 1	91,3	115 (class 155)

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Motor winding 2	88,1	115 (class 155)
Motor winding 3	83,4	115 (class 155)
Y capacitor	73,9	100
Motor bracket	47,4	Cl.30
Base (underside)	44,8	Cl.30
Carbon brush holder	57,8	Cl.30
Power cord	13,6	50
X capacitor	41,3	60
Closed-end	27,4	50
Switch Plate	20,0	Cl.30
Body inside (side)	23,0	Cl.30
Body (metal)	13,7	48
Knob	5,7	35
Test floor	31,7	65

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V).....:			254,4		—
	Ambient (°C).....:			18,4		—
	Ambient (°C).....:			18,9		—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class	
Winding of stator	7,05	9,78	93,8	115	Class 155/F	
Supplementary information: BL9703AK-GS Blender, step2						

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	23,1	—

Thermocouple locations	dT (K)	Max. dT (K)
Power cord	13,5	50
X capacitor	18,3	60
Motor winding 1	35,1	115 (class 155)
Motor winding 2	31,9	115 (class 155)
Motor winding 3	32,0	115 (class 155)
Base (side)	31,8	Cl.30
Base (underside)	30,2	Cl.30
Switch Plate	37,4	Cl.30

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Carbon brush holder		31,6	Cl.30
Y capacitor		23,0	100
Internal wire for motor		17,5	80
Body inside (upper)		25,1	Cl.30
Body inside (side)		8,4	Cl.30
Switch bracket		7,9	Cl.30
Body		9,0	48
Knob		1,9	60
Test floor		7,4	65
11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	22,8	—
	Ambient (°C).....:	23,1	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	6,75	7,87	40,8	115	Class 155/F
Supplementary information: BL9703AK-GS Grinder: beef, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	18,9	—

Thermocouple locations	dT (K)	Max. dT (K)
Power cord	31,4	50
X capacitor	31,1	60
Motor winding 1	80,1	115 (class 155)
Motor winding 2	75,6	115 (class 155)
Motor winding 3	66,5	115 (class 155)
Base (side)	52,9	Cl.30
Base (underside)	47,3	Cl.30
Switch Plate	53,9	Cl.30
Carbon brush holder	88,4	Cl.30
Y capacitor	36,8	100
Internal wire for motor	33,5	80
Body inside (upper)	34,8	Cl.30
Body inside (side)	20,4	Cl.30

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Switch bracket	14,2	Cl.30
Body (metal)	21,5	48
Body (plastic)	5,3	74
Knob	6,7	35
Test floor	33,5	65

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V)....:	254,4	—
	Ambient (°C)....:	18,4	—
	Ambient (°C)....:	18,9	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	5,13	6,75	79,57	115	Class 155/F
Supplementary information: BL9000AB-CB, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V)....:	1,06 X240=254,4V	—
	Ambient (°C)....:	24,5	—

Thermocouple locations	dT (K)	Max. dT (K)
Motor stator winding	84,0	115
Internal wire to motor winding	68,8	80
Motor carbon brush bracket	109,1	CL30
Y capacitor	47,7	60
Switch retainer	62,2	CL30
Micro switch	29,0	60
X capacitor	50,5	55
Closed-end connector	11,2	80
Base	12,9	CL30
Power cord	24,7	50
Knob inside	13,0	CL30
Main housing	16,0	CL30
Appliance enclosure (metal)	10,2	50
Knob surface	1,2	65
Appliance enclosure (plastic)	49,7	74
Test floor	30,5	60

11.8	TABLE: Heating test, resistance method	P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	25,0	—
	Ambient (°C).....:	25,0	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	5,08	6,75	85,46	115	Class 155/F
Supplementary information: BL9703BB-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,5	—

Thermocouple locations	dT (K)	Max. dT (K)
Power cord	35,3	50
Motor bracket	35,2	CL30
Enclosure of appliance	7,6	CL30
Switch	22,0	CL30
Switch plate	22,6	CL30
Base	52,6	CL30
Micro switch bracket	55,2	CL30
Brush holder	95,0	CL30
Motor winding	68,0	115
Y capacitor	42,0	100
X capacitor	36,6	60
Motor enclosure	56,2	Ref
Closed-end connector	29,1	60
Internal wiring	42,1	105
Micro switch	27,4	60
Switch knob	8,8	60
Enclosure	16,4	50
Test floor	33,9	65

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	24,6	—
	Ambient (°C).....:	24,5	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Winding of stator	4,12	5,26	69,2	115	Class 155/F
Supplementary information: BL9702I-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,7	—

Thermocouple locations	dT (K)	Max. dT (K)
Power cord	9,2	50
Motor bracket	73,7	CL30
Enclosure of appliance	9,2	CL30
Base	36,0	CL30
Micro switch bracket	32,3	CL30
Brush holder	73,7	CL30
Motor winding	46,5	115
Y capacitor	32,4	100
X capacitor	9,0	60
Motor enclosure	44,1	Ref
Closed-end connector	16,8	60
Internal wiring	20,8	105
Micro switch	18,9	60
Switch knob	0,8	60
Enclosure	9,2	50
Test floor	28,9	65

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	24,5	—
	Ambient (°C).....:	24,7	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	6,91	8,19	47,48	115	Class 155/F
Supplementary information: BL9000FA-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	0,94 X220=206,8V	—
	Ambient (°C).....:	24,7	—

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Thermocouple locations	dT (K)	Max. dT (K)
Power cord	8,9	50
Motor bracket	66,8	CL30
Enclosure of appliance	8,8	CL30
Micro switch bracket	30,6	CL30
Brush holder	66,8	CL30
Motor winding	44,3	115
Y capacitor	30,4	100
Motor enclosure	40,7	Ref
Internal wiring	19,2	105
Micro switch	30,6	60
Switch knob	1,4	60
Enclosure	8,8	50
Test floor	8,8	65

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	206,8	—
	Ambient (°C).....:	24,5	—
	Ambient (°C).....:	24,7	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	6,93	8,10	43,53	115	Class 155/F
Supplementary information: BL9000FA-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,8	—

Thermocouple locations	dT (K)	Max. dT (K)
Power cord	28,2	50
Enclosure of appliance	34,4	CL30
Base	58,7	CL30
Micro switch bracket	54,3	CL30
Brush holder	62,3	CL30
Motor winding	75,9	115
Y capacitor	43,2	100
X capacitor	22,4	60

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Internal wiring		43,5		105	
Micro switch		33,8		60	
Switch knob		10,2		60	
Enclosure		6,1		50	
Test floor		10,9		65	
11.8	TABLE: Heating test, resistance method				P
	Test voltage (V).....:		254,4		—
	Ambient (°C).....:		24,7		—
	Ambient (°C).....:		24,8		—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	3,96	5,59	102,7	115	Class 155/F
Supplementary information: BL9702PA-GS, Step 2					

11.8	TABLE: Heating test, thermocouples			P
	Test voltage (V).....:		1,06 X240=254,4V	—
	Ambient (°C).....:		24,8	—
Thermocouple locations	dT (K)		Max. dT (K)	
Power cord	28,9		50	
Enclosure of appliance	5,6		CL30	
Base	6,0		CL30	
Brush holder	47,5		CL30	
Motor winding	57,4		115	
Y capacitor	26,3		100	
X capacitor	7,3		60	
Internal wiring	53,6		105	
Micro switch	18,6		60	
Switch knob	11,1		60	
Enclosure	8,5		50	
Test floor	21,8		65	

11.8	TABLE: Heating test, resistance method				P
	Test voltage (V).....:		254,4		—
	Ambient (°C).....:		24,7		—
	Ambient (°C).....:		24,8		—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Winding of stator	7,0	9,38	84,8	115	Class 155/F
Supplementary information: BL9006AD-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,7	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	76,0	115
Winding of stator	110,8	115
Winding near fan	89,2	115
Winding near fan	99,3	115
Brush holder	94,6	cl.30
Y capacitor of motor	48,6	100
Internal wire	79,0	105-25=80
Interlock switch	36,8	60
Interlock switch bracket	65,8	cl.30
Power supply cord	29,2	50
Anchorage of power supply cord	23,3	60
X capacitor	19,1	60
Close-end connector	24,4	60
Knob decoring	11,4	105
Control PCB	23,0	cl.30
Knob decoring	16,0	cl.30
Body material (bottom near motor)	66,0	cl.30
Body material	28,5	cl.30
Winding of rotor	81,3	115
Outer surface (bottom)	35,3	60
Knob surface	9,8	60
Outer surface	21,7	50
Test floor	26,7	65
Body material (Top)	34,7	Cl.30

11.8	TABLE: Heating test, resistance method		P
	Test voltage (V).....:	254,4	—
	Ambient (°C).....:	22,4	—

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

	Ambient (°C).....:		24,7		—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	7,20	10,35	110,09	115	Class 155/F
Supplementary information: BL9000C-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	0,94 X240=206,8V	—
	Ambient (°C).....:	24,5	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	66,0	115
Winding of stator	95,8	115
Winding near fan	72,2	115
Winding near fan	87,0	115
Brush holder	75,5	cl.30
Y capacitor of motor	40,4	100
Internal wire	67,3	105-25=80
Interlock switch	25,7	60
Interlock switch bracket	54,0	cl.30
Power supply cord	25,8	50
Anchorage of power supply cord	19,8	60
X capacitor	16,6	60
Close-end connector	20,8	60
Knob decoring	9,0	105
Control PCB	18,4	cl.30
Knob decoring	13,7	cl.30
Body material (bottom near motor)	55,9	cl.30
Body material	24,0	cl.30
Winding of rotor	65,9	115
Outer surface (bottom)	30,5	60
Knob surface	6,4	60
Outer surface	18,8	50
Test floor	22,0	65
Body material (Top)	27,8	Cl.30

11.8	TABLE: Heating test, resistance method	P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

	Test voltage (V).....:	206,8	—
	Ambient (°C).....:	23,6	—
	Ambient (°C).....:	24,5	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	7,26	9,86	91,53	115	Class 155/F
Supplementary information: BL9000C-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V).....:	1,06 X240=254,4V	—
	Ambient (°C).....:	24,7	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	75,2	115
Winding of stator	82,4	115
Winding near fan	91,6	115
Brush holder	82,6	cl.30
Winding near fan	95,7	115
Y capacitor of motor	45,2	100
Internal wire	60,0	105-25=80
Interlock switch	26,5	Annex H
Micro switch bracket	63,8	cl.30
Power supply cord	34,6	50
Anchorage of power supply cord	26,4	50
X capacitor	19,6	60
Close-end connector	31,6	60
Control PCB	22,1	105
Knob decoring	10,9	cl.30
Knob decoring	15,8	cl.30
Body material (top of motor)	62,4	cl.30
Body material	24,3	cl.30
Winding of rotor	81,5	115
Outer surface (bottom)	35,8	50
Knob surface	14,9	60
Outer surface	15,7	50
Test floor	36,0	65

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Body material (Top)		28,5		Cl.30	
11.8	TABLE: Heating test, resistance method				P
	Test voltage (V)....:	254,4			—
	Ambient (°C)....:	23,0			—
	Ambient (°C)....:	24,4			—
Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator	7,19	10,03	100,31	115	Class 155/F
Supplementary information: BL9000DE-GS, Step 2					

11.8	TABLE: Heating test, thermocouples		P
	Test voltage (V)....:	0,94 X240=206,8V	—
	Ambient (°C)....:	24,1	—

Thermocouple locations	dT (K)	Max. dT (K)
Winding of stator	69,7	115
Winding of stator	71,0	115
Winding near fan	81,2	115
Brush holder	71,1	cl.30
Winding near fan	82,3	115
Y capacitor of motor	40,0	100
Internal wire	54,3	105-25=80
Interlock switch	23,7	Annex H
Micro switch bracket	55,0	cl.30
Power supply cord	30,2	50
Anchorage of power supply cord	22,2	50
X capacitor	17,0	60
Close-end connector	27,3	60
Control PCB	19,9	105
Knob decoring	8,4	cl.30
Knob decoring	13,9	cl.30
Body material (top of motor)	56,5	cl.30
Body material	29,4	cl.30
Winding of rotor	70,4	115
Outer surface (bottom)	31,5	60
Knob surface	7,2	65

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Outer surface	14,3	65
Test floor	22,9	65
Body material (Top)	24,4	Cl.30

11.8	TABLE: Heating test, resistance method					P
	Test voltage (V).....:			206,8		—
	Ambient (°C).....:			22,8		—
	Ambient (°C).....:			24,1		—
Temperature rise of winding		R_1 (Ω)	R_2 (Ω)	dT (K)	Max. dT (K)	Insulation class
Winding of stator		7,20	9,92	95,90	115	Class 155/F
Supplementary information: BL9000DE-GS, Step 2						

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 X240=254,4V	—
Leakage current between		I (mA)	Max. allowed I (mA)
L, N & accessible enclosure, knob		0,047	0,35 peak
Supplementary information: the max. value recorded.			

13.3	TABLE: Electric strength		P
Test voltage applied between:		Voltage (V)	Breakdown (Yes/No)
L, N & accessible enclosure, knob		3000	No
Internal wire & accessible enclosure, knob		1750	No
L, N & the part protected by basic insulation		1000	No
Supplementary information:			

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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict
Supplementary information:			

16.2	TABLE: Leakage current		P
	Single phase appliances: 1.06 x rated voltage.....:	1,06 X 240=254,4V	—
	Three phase appliances 1.06 x rated voltage divided by √3:.....:	-	—

Leakage current between	I (mA)	Max. allowed I (mA)
L, N & accessible enclosure, knob	0,026	0,25
Supplementary information: the max. value recorded.		

16.3	TABLE: Electric strength	P

Test voltage applied between:	Voltage (V)	Breakdown (Yes/No)
L, N & accessible enclosure, knob	3000	No
Internal wire & accessible enclosure, knob	1750	No
L, N & the part protected by basic insulation	1250	No
Supplementary information:		

17	**TABLE: Overload protection, thermocouple measurements**	N/A

Temperature rise of part/at:	dT (K)	Max. dT (K)
Supplementary information:		

17	**TABLE: Overload protection, resistance method**		N/A
	Test voltage (V).....:		—
	Ambient, t1 (°C) .....:		—
	Ambient, t2 (°C) .....:		—

Temperature of winding	R1 (Ω)	R2 (Ω)	dT (K)	T (°C)	Max. T (°C)

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Supplementary information:					

19	**Abnormal operation conditions**	N/A
Operational characteristics	YES/NO	Operational conditions
Are there electronic circuits to control the appliance operation?	NO	N/A
Are there “off” or “stand-by” position?	NO	N/A
The unintended operation of the appliance results in dangerous malfunction?	NO	N/A

Sub-clause	Operating conditions description	Test results description	PEC description	EMP 19.11.4	Software type required	19.11.3 PEC	Final result
19.2				N/A			N/A
19.3							N/A
19.4							N/A
19.5							N/A
19.6				N/A			N/A
19.7							N/A
19.8							N/A
19.9							N/A
19.11.4.8							N/A
19.10X							N/A
Supplementary information:							

19.7	**TABLE: Heating test, resistance method**		P
	Test voltage (V)..... :	240V	—
	Ambient (°C) ..... :	--	—

Temperature rise of winding	R_1 (Ω)	R_2 (Ω)	dT (K)	dT (°C)	Max. dT (°C)	Insulation class
Supplementary information:						

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

BL9000C-GS: Current fuse (3.15A) operated after 3,5s-4,5s, Current fuse (2,5A) operated after 2s
BL9000-GS: Current fuse (2A) operated after 3s
BL9000AB-CB: Current fuse (3,15A) operated after 3,0s-4,0s, current fuse (2,5A) operated after 2s
BL9702I-GS: Current fuse operated after 2,0s-3,0s
BL9000FA-GS: Current fuse operated after 5.0-6.0s

19.7	**TABLE: Heating test, resistance method**						P
	Test voltage (V) ..... :		240V				—
	Ambient (°C) ..... :		24,2/24,8				—
Temperature rise of winding		R_1 (Ω)	R_2 (Ω)	dT (K)	dT (°C)	Max. dT (°C)	Insulation class
Stator winding		7,1	11,8	195,7	220,5	240	Class 155
Supplementary information: BL9000BA-GS							

19.9	**TABLE: Abnormal operation, running overload**					N/A
	Test voltage (V) ..... :					—
	Ambient, t1 (°C) ..... :					—
	Ambient, t2 (°C) ..... :					—
Temperature of winding		R1 (Ω)	R2 (Ω)	dT (K)	T (°C)	Max. T (°C)
Supplementary information:						

19.101	**TABLE: Abnormal operation, running overload**					P
	Test voltage (V) ..... :			240		—
	Ambient, t1 (°C) ..... :			23,5		—
	Ambient, t2 (°C) ..... :			23,7		—
Temperature of winding		R1 (Ω)	R2 (Ω)	dT (°C)	T (°C)	Max. T (°C)
Winding of stator		7,26	8,67	73,61°C	240°C	240°C (Class 155)

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Supplementary information: 19.101 for model BL9000E-GS with mills cup.

19.101	**TABLE: Abnormal operation, running overload**					P
	Test voltage (V) .....:		240			—
	Ambient, t1 (°C) .....:		22,8			—
	Ambient, t2 (°C) .....:		24.3			—
Temperature of winding		R1 (Ω)	R2 (Ω)	dT (°C)	T (°C)	Max. T (°C)
Winding of stator		7,20	8,41	66,0	240°C	240°C (Class 155)
Supplementary information: 19.101 for model BL9000DE-GS with mills cup.						

19.10	**TABLE: Abnormal operation, temperature rises**	P
Thermocouple locations	Max. temperature rise measured, dT (K)	Max.temperature rise limit, dT (K)
Supplementary information: 1,3Un, no ejection occurred		

19.13	**TABLE: Abnormal operation, temperature rises**	P
Thermocouple locations	dT (K)	Max. dT (K)
Supplementary information: 19.7, BL9000C-GS: Current fuse (3,15A) operated after 3,5s-4,5s, current fuse (2,5A) operated after 2s BL9000-GS: Current fuse (2A) operated after 3s BL9000AB-CB: Current fuse (3,15A) operated after 3,0s-4,0s, current fuse (2,5A) operated after 2s BL9702I-GS: Current fuse operated after 2,0s-3,0s BL9000FA-GS: Current fuse operated after 5,0-6,0s		

19.13	**TABLE: Abnormal operation, temperature rises**	P
Thermocouple locations	dT (K)	Max. dT (K)
Windings of motor	59,5°C	240°C (class 155)
Enclosure	21,7	Cl30
Power supply cord	14,9	50

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Base	27,7	Cl30
Bracket of motor	5,8	Cl30
Supplementary information: 19.101 for model BL9000E-GS with mills cup.		

19.13	**TABLE: Abnormal operation, temperature rises**	P
Thermocouple locations	dT (K)	Max. dT (K)
Winding	104,1	225
Power cord	36,4	150
Test floor	2,0	150
Supplementary information: 19.7, BL9000BA-GS		

19.13	**TABLE: Abnormal operation, temperature rises**	P
Thermocouple locations	dT (K)	Max. dT (K)
Winding	63,8	225
Power cord	36,7	150
Supplementary information: 19.7 and Annex D, BL9000FA-GS		

24.1	**TABLE: Components information (see CDF)**				P
Object / part No.	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity[1])
Supplementary information: [1]) Provided evidence ensures the agreed level of compliance. See OD-CB2039.					

28.1	**TABLE: Threaded part torque test**		N/A
Threaded part identification	Diameter of thread (mm)	Column number (I, II, or III)	Applied torque (Nm)
Supplementary information:			

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

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
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***	2,2	4,2	-	3,2	P
4 000	3,0 / 3,5***	-	-	10,0	-	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

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	0,18	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**	4,5	—	—	P
250	0,56	1,25	1,8	2,5	3,2	3,6	**4,0**	—	6,0	—	P
250	1,12	2,5	3,6	5,0	6,4	7,2	**8,0**	—	—	10,0	P
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3		—	—	N/A

IEC 60335-2-14											
Clause	Requirement + Test							Result - Remark			Verdict
400	1,0	2,0	2,8	4,0	5,0	5,6	6,3	—		—	N/A
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

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

>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
>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

***) only for creepage distances the motor winding to motor metal enclosure

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
>2000 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	N/A

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

>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								

30.1	**TABLE: Ball Pressure Test of Thermoplastics**		**P**
Allowed impression diameter (mm) .....:		2mm	—
Object/ Part No./ Material	**Manufacturer/ trademark**	**Test temperature (°C)**	**Impression diameter (mm)**
Main body/ base	See CDF	108	1,6
Switch knob/ Konb deco ring	See CDF	75	1,6
Switch plate Switch level	See CDF	125	1,2
Brush holder	See CDF	150,8	0,8
Supplementary information:			

30.2	**TABLE: Resistance to heat and fire - Glow wire tests**							P
Object/ Part No./ Material	**Manufacturer / trademark**	**Glow wire test (GWT); (°C)**						**Verdict**
		550	**650**		**750**		**850**	
			te	**ti**	**te**	**ti**		
Main body/ base	See CDF	X	--	--	--	--	--	P
Switch knob/ Konb deco ring	See CDF	X	--	--	--	--	--	P
Switch plate Switch level	See CDF	--	--	--	none	--	--	P
Brush holder	See CDF	--	--	--	none	--	--	P
X capacitor	See CDF	--	none	/	--	--	--	P
Tube	See CDF	--	none	/	--	--	--	P

IEC 60335-2-14			
Clause	Requirement + Test	Result - Remark	Verdict

Interlock switch	See CDF	--	--	--	none	--	--	P
Close-end connector	See CDF	--	--	--	none	--	--	P

Object/ Part No./ Material	**Manufacturer / trademark**	**Glow-wire flammability index (GWFI), °C**				**GW ignition temp. (GWIT), °C**		**Verdict**
		550	**650**	**750**	**850**	**675**	**775**	

The test specimen passed the glow wire test (GWT) with no ignition [($t_e - t_i$) ≤ 2s] (Yes/No):	Yes
If no, then surrounding parts passed the needle-flame test of annex E (Yes/No) .....:	N/A
The test specimen passed the test by virtue of most of the flaming material being withdrawn with the glow-wire (Yes/No)?.....:	Yes
Ignition of the specified layer placed underneath the test specimen (Yes/No) .....:	No

Supplementary information:

- 550 °C GWT not relevant (or applicable) to parts of material classified at least HB40 or if relevant HBF
- The GWIT pre-selection option, the 850 °C GWFI pre-selection option, and the 850 °C GWT are not relevant (or applicable) for attended appliances

30.2/30.4	**TABLE: Needle- flame test (NFT)**				**P**
Object/ Part No./ Material	**Manufacturer/ trademark**	**Duration of application of test flame (ta); (s)**	**Ignition of specified layer Yes/No**	**Duration of burning (tb) (s)**	**Verdict**
PCB	See CDF	30	No	3	P

Supplementary information:

- NFT not relevant (or applicable) for Parts of material classified as V-0 or V-1
- NFT not relevant (or applicable) for Base material of PCBs classified as V-0 or if relevant VTM-0

-END-

IEC 60335-1:2010/AMD2:2016			
Clause	Requirement + Test	Result - Remark	Verdict
5.10	Add the following as a new second paragraph:		
	A class III construction part of the appliance is tested connected to its detachable power supply part taking into account the instructions provided with the appliance.		N/A
6.1	Add the following to the requirement as a new second paragraph:		
	If an appliance consists of a part of class III construction and a detachable power supply part, the complete appliance is classified as a class I appliance or class II appliance in accordance with the classification applicable to its detachable power supply part.		N/A
7.1	Replace the last dashed item in the first paragraph by the following:		
	symbol IEC 60417-5180 (2003-02), for class III appliances. This marking is not necessary for appliances operated only by batteries (primary batteries or secondary batteries recharged outside of the appliance) or appliances powered by rechargeable batteries recharged in the appliance.		N/A
	Add the following new subclause:		
7.12.9	For each language, the instructions specified in 7.12 and from 7.12.1 to 7.12.8 shall appear together before any other instructions supplied with the appliance. Alternatively, these instructions may be supplied with the appliance separately from any functional use booklet. They may follow the description of the appliance that identifies parts, or follow the drawings/sketches common to the languages of the instructions.		P
	In addition, instructions shall also be available in an alternative format such as on a website or on request from the user in a format such as a DVD.		P
	Compliance is checked by inspection.		P
7.14	Add the following as new second paragraph to the requirement		P
	The signal words WARNING, CAUTION, DANGER if in the Latin alphabet shall be in uppercase having a height not less than		P
	– 3,5 mm for appliances normally used on the floor;		P
	– 2,0 mm for portable appliances with a printable surface of less than 10 cm^2; and		N/A
	– 3,0 mm for other appliances.		N/A
	Uppercase letter of the text explaining the signal word shall be no smaller than 1,6 mm, with other letters according to the font size of the uppercase letter.		P

IEC 60335-1:2010/AMD2:2016			
Clause	Requirement + Test	Result - Remark	Verdict
	Countries that do not use the Latin alphabet need to specify the minimum size of the script to be used taking into account what is specified for the Latin alphabet.		N/A
	Unless contrasting colours are used, moulded in, engraved, or stamped markings shall be either raised above or have a depth below the surface of at least 0,25 mm.		P
	Replace the first paragraph of the test specification by the following:		
	Compliance is checked by inspection, by measurement and by rubbing the marking by hand for 15 s with a piece of cloth soaked with water and again for 15 s with a piece of cloth soaked with petroleum spirit. The petroleum spirit to be used for the test is aliphatic solvent hexane.		P
8.1.3	Replace the note by the following.		
	If a single switching action is obtained by a switching device, the switching device shall provide full disconnection and the clearances for full disconnection specified in 20.1.5.3 of IEC 61058-1:2000 shall be obtained from Table 22 of IEC 61058-1:2000 using the next higher step for rated impulse withstand voltage.		N/A
	For appliances provided with a supply cord and without a switching device in their supply circuit, a single switching action may be obtained by the withdrawal of the plug from a socket-outlet.		N/A
	Compliance is checked by inspection and by manual test.		N/A
13.2	Replace the first paragraph by the following:		
	The leakage current is measured by means of the circuit described in Figure 4 of IEC 60990:1999. For class 0I appliances and class I appliances, except parts of class II construction, C may be replaced by a low impedance ammeter responding to the rated frequency of the appliance.		P
19.1	Add the following to the penultimate paragraph of the test specification:		-
	If the control performs more than one function, only that aspect of the control under consideration is rendered inoperative. Other functions of the control may continue to operate normally.		N/A
19.7	In the third paragraph of the test specification, replace “class P2” by “class S2 or S3”.		N/A
19.11.3	Replace the text of the test specification but not the note, by the following.		
	If the appliance incorporates a protective electronic circuit that operates to ensure compliance with Clause 19, the appliance is tested as follows:		N/A

IEC 60335-1:2010/AMD2:2016			
Clause	Requirement + Test	Result - Remark	Verdict
	A fault as indicated in a) to g) of 19.11.2 shall be incorporated in the protective electronic circuit either before the appliance is started or at any point in time after the appliance is started so that the most unfavourable conditions of the test are applied.		N/A
	If the appliance is able to operate after the fault in the protective electronic circuit is incorporated, then the appliance is further tested as follows.		N/A
	For appliances for continuous operation the appliance is operated until steady conditions are reached. Then the relevant test of Clause 19 is repeated.		N/A
	Other appliances are operated for one cycle of operation. Then the relevant test of Clause 19 is repeated.		N/A
19.11.4.2	Replace the test specification but not the note, by the following:		
	The appliance is subjected to radiated fields in accordance with IEC 61000-4-3.		N/A
	The frequency ranges tested shall be:		N/A
	– 80 MHz to 1 000 MHz, test level 3;		N/A
	– 1,4 GHz to 2,0 GHz, test level 3;		N/A
	– 2,0 GHz to 2,7 GHz, test level 2.		N/A
22.5	Replace the requirement by the following:		
	Appliances intended to be connected to the supply mains by means of a plug or pins for insertion into socket-outlets shall be constructed so that in normal use, when pins are touched, there is no risk of electric shock from charged capacitors having a rated capacitance equal to or greater than 0,1 µF.		P
22.12	Replace the requirement by the following:		-
	Handles, knobs, grips, levers and parts providing a similar function shall be fixed in a reliable manner so that they will not work loose in normal use if loosening could result in a hazard, including a choking hazard. If these parts are used to indicate the position of switches or similar components, it shall not be possible to remove or fix them incorrectly if this could result in a hazard. The requirement concerning the choking hazard does not apply to appliances intended for commercial use.		P
	Add the following new paragraph to the test specification:		
	If the part is removed and can be contained within the small parts cylinder in Figure 13, its loosening is considered to result in a choking hazard.		P
	Add the following new subclauses:		--

IEC 60335-1:2010/AMD2:2016			
Clause	Requirement + Test	Result - Remark	Verdict
22.55	Devices that are operated by the user to stop the intended function of the appliance, if any, shall be distinguished from other manual devices by means of shape, or size, or surface texture, or position. This requirement concerning position does not preclude use of a push on push off switch.		P
	An indication when the device has been operated shall be given by:		P
	– tactile feedback from the actuator or tactile feedback from the appliance such as stopping of the vibration on the body of the appliance or of a part of it; or		N/A
	– reduction in heat output; or		N/A
	– audible and visible feedback.		P
	The sound of the motor or sound of an actuator switching from on to off is considered as an audible feedback. A switch with a stable off-position different from the on-position isconsidered visual and tactile feedback. The force feedback from the actuator when operating it is considered to be tactile feedback.		P
	Compliance is checked by inspection and by manual test.		P
22.56	Detachable power supply part shall be provided with the part of class III construction of the appliance.		N/A
22.57	The properties of non-metallic materials shall not degrade from exposure to UV-C radiation generated from UV sources provided for microbiological control within the appliance such that they no longer comply with this standard. This requirement does not apply to glass, ceramics or similar materials.		N/A
	Compliance is checked by the conditioning and tests of Annex T.		N/A
24.2	Replace the first dashed item of 24.2 by the following.		
	– switches, automatic controls, power supplies and the like in flexible cords;		P
24.8	In the first dashed item of the second paragraph of the requirement replace “class of safety protection P2” by “class of safety protection S2 or S3”.		N/A
25.7	Add to the end of the dashed items:		
	– Halogen-free, low smoke, thermoplastic insulated and sheathed		N/A
	Their properties should at least be those of:		N/A

IEC 60335-1:2010/AMD2:2016			
Clause	Requirement + Test	Result - Remark	Verdict
	• Light duty halogen-free low smoke flexible cable (code designation 62821 IEC 101 for circular cable and code designation 62821 IEC 101f for flat cable);		N/A
	• Ordinary duty halogen-free, low smoke flexible cable (code designation 62821 IEC 102 for circular cable and code designation 62821 IEC 102f for flat cable).		N/A
25.10	Add the following to the requirement as a new third paragraph:		
	Where additional neutral conductors are provided in the supply cord		N/A
	– other colours may be used for these additional neutral conductors;		N/A
	– all of the neutral conductors and line conductors shall be identified by marking using the alpha numeric notation specified in IEC 60445;		N/A
	– the supply cord shall be fitted to the appliance.		N/A
25.23	Add the following new dashed item to the requirement:		
	– for class III construction, interconnection cords of a class I appliance or class II appliance, the cross sectional areas of the conductors need not comply with 25.8 if the temperature of the cord insulation specified in Table 3 and Table 9 are not exceeded during the tests of Clause 11 and Clause 19, respectively.		N/A
Annex B–Appliances powered by rechargeable batteries that are recharged in the appliance			
7.12	Replace the third paragraph and three dashed items by the following:		
	Instructions for appliances containing non user-replaceable batteries shall state the substance of the following:		
	This appliance contains batteries that are only replaceable by skilled persons.		N/A
	Instructions for appliances containing non-replaceable batteries shall state the substance of the following:		
	This appliance contains batteries that are non-replaceable.		N/A
Annex P – Guidance for the application of this standard to appliances used in warm damp equable climates			
	Throughout the text of the annex including the title, replace “warm damp equable” by “tropical”.		N/A
	In the first two paragraphs of the annex, replace “WDaE” by “with symbol IEC 60417-6332 (2015-06)”		N/A
7.1	Replace “the letters WDaE” with “symbol IEC 60417-6332 (2015-06)”.		N/A
7.6	[symbol IEC 60417-6332 (2015-06)] tropical climate		N/A

IEC 60335-1:2010/AMD2:2016			
Clause	Requirement + Test	Result - Remark	Verdict
7.12	Add the following new paragraph:		
	If symbol IEC 60417-6332 (2015-06) is used, its meaning shall be explained.		N/A
Annex T-UV-C radiation effect on non-metallic materials			
	Annex T provides requirements for non-metallic materials subject to direct or reflected UV-C radiation (100 nm to 280 nm) exposure and whose mechanical and electrical properties are relied upon for compliance with this standard. This annex does not apply to glass, ceramic and similar materials.		N/A
	The UV-C radiation effect on non-metallic materials is determined by measuring selected non-metallic material properties before and after UV-C radiation conditioning. The conditioning and tests are carried out on non-metallic material specimens prepared according to the relevant standard for the test method. The standards and compliance criteria for parts providing mechanical support or impact resistance are specified in Table T.1. The standard and compliance criteria for electrical insulation of internal wiring are specified in Table T.2.		N/A
	The conditioning apparatus and test procedure are as specified in ISO 4892-1 and ISO 4892-2, with the following modifications.		N/A
Modifications to ISO 4892-1:			
5.1.6	The UV-C emitter shall be a low pressure mercury lamp with a quartz envelope having a continuous spectral irradiance of 10 W/m2 at 254 nm.		N/A
	Subclause 5.1.6.1 and Table 1 are not applicable.		N/A
5.2.4	The black-panel temperature shall be 63 °C ± 3 °C.		N/A
5.3.1	Humidification of the chamber air is specified in part 2 when necessary.		N/A
9	This clause is not applicable.		N/A
Modifications to ISO 4892-2:			
7.1	At least three test specimens of each non-metallic material providing mechanical support or impact resistance shall be exposed in each run to allow statistical evaluation of the results.		N/A
	Ten samples of the insulated internal wiring shall be exposed in each run. When the internal wiring is provided in more than one colour, the colour having the heaviest organic pigment loading is used.		N/A
	In determining the samples for testing, consideration should be given to samples coloured red or yellow which are known to have particular critical effects.		N/A

IEC 60335-1:2010/AMD2:2016			
Clause	Requirement + Test	Result - Remark	Verdict
7.2	The specimens shall be attached to the specimen holders such that they are not subject to any applied stress.		N/A
7.3	Before placing the specimens in the test chamber, the apparatus shall be operating under the specified exposure conditions. It shall be programmed to operate continuously and the conditions shall be maintained throughout the exposure, keeping any interruptions to service the apparatus and to inspect the specimens to a minimum.		N/A
	The test specimens and, if used, the irradiance-measuring instrument are exposed for 1 000 h.		N/A
	If it is necessary to remove a test specimen for periodic inspection, care should be taken to avoid touching the exposed surface or altering it in any way.		N/A
7.4	If used, a radiometer shall be mounted and calibrated such that it measures the irradiance at the exposed surface of the test specimen.		N/A
7.5	The non-metallic material properties and test methods for parts providing mechanical support or impact resistance are specified in Table T.1.		N/A
	The non-metallic material properties and test method for electrical insulation of internal wiring are specified in Table T.2.		N/A
8	This clause is not applicable.		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
	CENELEC COMMON MODIFICATIONS (EN)		
6.1	Delete “class 0” and “class 01”		N/A
7.1	Single-phase appliances to be connected to the supply mains: 230 V covered		P
	Multi-phase appliances to be connected to the supply mains: 400 V covered		N/A
7.12	The instructions include the substance of the following:		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		N/A
	- children shall not play with the appliance		P
	- cleaning and user maintenance shall not be made by children without supervision		P
8.1.1	Also test probe 18 of EN 61032 is applied		P
	The appliance being in every possible position during the test, except that		P
	appliances normally used on the floor and having a mass exceeding 40 kg are not tilted		N/A
	The force on the probe in the straight position is increased to 10 N when probe 18 is used		P
	When using test probe 18 the appliance is fully assembled as in normal use without any parts removed, and		P
	parts intended to be removed for user maintenance are also not removed		P
8.1.3	Instead of test probe B, test probe 18 and test probe 13, for appliances other than those of class II, test probe 41 of IEC 61032 is applied with a force not exceeding 1 N to live parts of visibly glowing heating elements, all poles of which can be disconnected by a single switching action		N/A
8.2	Compliance is checked by inspection and by applying the test probes of EN 61032 in accordance with the conditions specified in 8.1.1		P
	Test probe B and probe 18 of EN 61032 are applied to built-in appliances and fixed appliances only after installation		N/A
15.1.2	Appliances with an automatic cord reel tested with the cord in the most unfavourable position so that the reeling of the wet cord may affect electrical insulation during operation, the cord not being dried before reeling		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
20.2	For appliances having dangerous moving parts, due to their working function, e.g. the needle of a sewing machine, tools of kitchen machines or the blade of an electrical knife, full protection is not possible for performing their intended use		P
	When using a test probe similar to test probe B of EN 61032, having a circular stop face and applied with a force of 5N, the accessories and detachable covers are removed		N/A
	When using test probe 18 it is applied with a force of 2,5N on the appliance fully assembled		N/A
22.12	Other parts intended to be detached during use, maintenance or cleaning (e.g. batteries, battery covers, lids, attachments, steam nozzles) are not considered as parts providing a similar function as handles, knobs, grips, levers		P
22.17	The requirement is not applicable to built-in appliances		N/A
24.1	Components comply with the safety requirements specified in the relevant EN standards as far as they reasonably apply		P
	Motors are not required to comply with EN 60034-1, but tested as part of the appliance according to this standard		P
	Relays are tested as part of the appliance according to this standard		N/A
	Relays may be alternatively tested to EN 60730-1 and the additional requirements in EN 60335-1		N/A
	The requirements of Clause 29 of this standard apply between live parts of components and accessible parts of the appliance		P
	Components may comply with the requirements for clearances and creepage distances for functional insulation as specified in the relevant component standard		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 tested and shown to comply with the EN standard for the relevant component are tested according to the requirements of 30.2 of this standard		P
	Components that have been tested and shown to comply with the resistance to fire requirements in the EN standard for the relevant component need not be retested provided that:		N/A
	- the severity specified in the component standard is not less than the severity specified in 30.2, and		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
	- the test report for the component states the values of t_e and t_i acc. to EN 60695-2-11		N/A
	If the above two conditions are not satisfied, the component is tested as part of the appliance		P
	Power electronic converter circuits are not required to comply with EN 62477-1, but tested as part of the appliance according to this standard		N/A
	Unless components have been tested and found to comply with the relevant EN standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P
	For components mentioned in 24.1.1 to 24.1.9, no additional tests specified in the relevant EN standard for the component are necessary other than those specified in 24.1.1 to 24.1.9		P
	Components that have not been tested and found to comply with the relevant EN standard, and		P
	components that are not marked or not used in accordance with their marking,		P
	are tested in accordance with the conditions occurring in the appliance, the number of samples being that required by the relevant standard		P
	Lamp-holders and starter-holders that have not been tested and found to comply with the relevant EN standard are tested as a part of the appliance and additionally comply with the gauging and interchangeability requirements of the relevant EN standard under the conditions occurring in the appliance		N/A
	Where the relevant EN standard specifies these gauging and interchangeability requirements at elevated temperatures, the temperatures measured during the tests of Clause 11 are used	No interchangeable	N/A
	There are no additional tests specified for nationally standardized plugs such as those detailed in IEC/TR 60083 or connectors complying with the standard sheets of EN 60320-1 and EN 60309, unless they are specifically mentioned in the text of this standard		P
	Plugs and socket-outlets and other connecting devices of interconnection cords are not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1, or		N/A
	with connectors and appliance inlets complying with the standard sheets of EN 60320-1, if		N/A
	direct supply to these parts from the supply mains gives rise to a hazard		N/A
	For plugs used in CENELEC countries Annex ZH applies		P

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
24.1.7	When the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is EN 41003		N/A
	Compliance with Clause 8 of this standard is not impaired by connecting the appliance to a device covered by EN 41003		N/A
24.Z1	Type S2 and S3 capacitors according to EN 60252-1 are not required to undergo the testing as required by 30.2.2 and 30.2.3.1		N/A
25.1	Plugs and pins for insertion into socket outlets follow the relevant standards sheets in Annex ZH		N/A
25.7	Rubber sheathed cords (60245 IEC 53) are not suitable for appliances intended to be used outdoors, or		N/A
	when they are liable to be exposed to significant amount of ultraviolet radiation		N/A
25.25	Instead of IEC/TR 60083, dimensions of the pins and engagement face of plugs of appliances that are inserted into socket-outlets are in accordance with the dimensions of the relevant plug standard		P
	Common plugs and socket-outlets types in CENELEC countries as shown in Annex ZH		P
26.11	Conductors connected by soldering are not considered to be positioned or fixed so that reliance is not placed upon the soldering alone to maintain them in position,		P
	unless they are held in place near the terminals independently of the solder		N/A
29.3.Z1	Appliance constructed so that if there is a possibility of damaging the insulation during installation, the insulation withstands the scratch and penetration test of 21.2		N/A
32	Compliance regarding electromagnetic fields is checked according to EN 62233		P
Annex I, 19.I.101	The appliance is supplied at rated voltage and operated under normal operation with each of the fault conditions specified		N/A
	The duration of any of the tests is as specified in 19.7		N/A
ZA	**ANNEX ZA (**NORMATIVE) **SPECIAL NATIONAL CONDITIONS (EN)**		
	Denmark, Sweden, Norway and Finland		
7.12.8	The maximum inlet water pressure is at least 1,0 MPa ....:		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
	Norway		
19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		N/A
	Norway		
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
	Denmark		
22.47	The maximum inlet water pressure is at least 1,0 MPa ....:		N/A
	Ireland and United Kingdom		
25.8	In the table, the line >10 A and ≤16 A is replaced with:		
	> 10 and ≤ 13 1,25 (1,0)[b]		N/A
	> 13 and ≤ 16 1,5 (1,0)[b]		N/A
ZB	**ANNEX ZB** (INFORMATIVE) **A-DEVIATIONS**		
	Ireland		
25.1 and 25.25	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances		N/A
	United Kingdom		
25.1 and 25.25	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs to BS 1363 to be fitted to domestic appliances.		P
	It also allows plugs to BS 4573 and EN 50075 to be fitted to shavers and toothbrushes		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
ZC	***ANNEX ZC (NORMATIVE)*** ***NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS***		
	A list of documents referred to in the text of this standard in such a way that some or all of their content constitutes requirements of this document		P
ZD	**ANNEX ZD** (INFORMATIVE) **IEC and CENELEC CODE DESIGNATIONS FOR FLEXIBLE CORDS**		
	List of IEC and CENELEC code designations for flexible cords		--
ZE	**ANNEX ZE** (INFORMATIVE) **SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE**		
7.1	Business name and full address of the manufacturer and, where applicable, his authorized representative.....:		N/A
	Model or type reference .....:		N/A
	Serial number, if any		N/A
	Production year		N/A
	Designation of the appliance.....:		N/A
7.12	Instructions provided with the appliance so that the appliance can be used safely		N/A
	The instructions contain at least the following information:		N/A
	- the business name and full address of the manufacturer and, where applicable, his authorized representative		N/A
	- model or type reference of the appliance as marked on the appliance itself, except for the serial number		N/A
	- the designation of the appliance together with its explanation in case it is given by a combination of letters and/or numbers		N/A
	- the general description of the appliance, when needed due to the complexity of the appliance		N/A
	- specific precautions required during installation, operation, adjusting, user maintenance, cleaning, repairing or moving		N/A
	- when needed drawings, diagrams, descriptions and explanations necessary for the safe use and user maintenance of the appliance		N/A
	- the possible reasonably foreseeable misuse and, whenever relevant, a warning against the effects it may have on the safe use of the appliance		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
	The words “Original instructions” appear on the language version(s) verified by the manufacturer or by the authorized representative		N/A
	When a translation of the original instructions has been provided by a person introducing the appliance on the market; the meaning of the sentence “Translation of the original instructions” appear in the relevant instructions delivered with the appliance		N/A
	The instructions for maintenance/service to be done by specialized personnel, mandated by the manufacturer or the authorized representative may be supplied in only one Community language which the specialized personnel understand		N/A
	The instructions indicate the type and frequency of inspections and maintenance required for safe operation including the preventive maintenance measures		N/A
7.12.ZE1	If needed for specific appliances, the following information to be given:		N/A
	- on use, transportation, assembly, dismantling when out of service, testing or foreseeable breakdowns, if these operations have consequences on stability of the appliance in order to avoid overturning, falling or uncontrolled movements of the appliance or of its component parts		N/A
	- on how to maintain adequate mechanical stability when in use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
	- on the protective measures to be taken by the user, including, where appropriate, the personal protective equipment to be provided		N/A
	- on the operating method to be followed in the event of accident or breakdown; if a blockage is likely to occur the operating method to safely unblock the appliance		N/A
	- on the specifications on the spare parts to be used, when these affect the health and safety of the operator		N/A
	- on airborne noise emissions, determined and declared in accordance with the relevant Part 2, which includes:		N/A
	- the A-weighted emission sound pressure level at workstations, where this exceeds 70 dB(A) .....;		N/A
	- where this level does not exceed 70 dB(A), this fact is indicated		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
	- the peak C-weighted instantaneous sound pressure value at workstations, where this exceeds 63 Pa (130 dB in relation to 20 µPa).....:		N/A
	- the A-weighted sound power level emitted by the machinery, where the A-weighted emission sound pressure level at workstations exceeds 80 dB(A).....:		N/A
7.12.ZE2	The instructions include a warning to disconnect the appliance from its power source during service and when replacing parts		N/A
	If the removal of the plug is foreseen, it is clearly indicated that the removal of the plug is such that an operator can check from any of the points to which he has access that the plug remains removed		N/A
	If this is not possible, due to the construction of the appliance or its installation, a disconnection with a locking system in the isolated position is provided		N/A
19.11.4.8	The appliance continues to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage fluctuation occurred, or		N/A
	a manual operation is required to restart it		N/A
20.1	Appliances and their components and fittings have adequate mechanical stability during transportation, assembly, dismantling and any other action involving the appliance		N/A
20.2	Dangerous moving transmission parts safeguarded either by design or guards		N/A
	When guards are used, they are fixed guards, interlocking movable guards or protective devices		N/A
	Moving parts directly involved in the function of the appliance which cannot be made completely inaccessible fitted with:		N/A
	- fixed guards or interlocking movable guards preventing access to those sections of the parts that are not used in the work, and		N/A
	- adjustable guards restricting access to those sections of the moving parts where access is necessary		N/A
	Interlocking movable guards used where frequent access is required		N/A
21.1	Appliances and their components and fittings have adequate mechanical strength and is constructed to withstand such rough handling that may be expected in normal use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
22.ZE.1	For appliances provided with a seat, the seat gives adequate stability		N/A
	The distance between the seat and the control devices capable of being adapted to the operator		N/A
22.ZE.2	For appliances provided with separate devices for the start and the stop functions, the stop function is unambiguously identifiable and does always override the start function		N/A
	For appliances provided with one device performing the start and the stop function, the stop function is unambiguously identifiable and does always override the start function		N/A
22.ZE.3	Appliances designed in such a way that incorrect mounting is avoided, if this can lead to an unsafe situation		N/A
	If this is not possible, information on the correct mounting is given directly on the part and/or the enclosure		N/A
22.ZE.4	Where the weight, size or shape prevents appliances from being moved manually, they are fitted with attachments for lifting gear, or		N/A
	so designed that they can be fitted with such attachments, or		N/A
	be shaped in such a way that standard lifting gear can easily be used		N/A
	Appliances to be moved manually are constructed or equipped so that they can be moved easily and safely		N/A
22.ZE.5	The fixing systems of fixed guards which prevent access to dangerous moving transmission parts only removable with the use of tools		N/A
	If such guards have to be removed by the user for routine cleaning or maintenance their fixing systems remain attached to the fixed guards or to the machine after removal		N/A
	Where possible, guards are incapable of remaining in place without their fixings		N/A
	This does not apply if, after removal of the screws, or if the component is incorrectly repositioned, the appliance becomes inoperative		N/A
	Movable guards are interlocked		N/A
	The interlocking devices prevent the start of hazardous appliance functions until the guards are fixed in their position, and give a stop command whenever they are no longer closed		N/A
	Where it is possible for an operator to reach the danger zone before the risk due to hazardous appliance functions has ceased, movable guards associated with a guard locking device in addition to an interlocking device that:		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
	- prevents the start of hazardous appliance functions until the guard is closed and locked, and		N/A
	- keeps the guard closed and locked until the risk of injury from the hazardous appliance functions has ceased		N/A
	Interlocking movable guards remain attached to the appliance when open, and		N/A
	they are designed and constructed in such a way that they can be adjusted only by means of an intentional action		N/A
22.ZE.6	Interlocking movable guards designed in such a way that the absence or failure of one of their components prevents starting or stops the hazardous appliance functions		N/A
	The guard is opened to the extent needed to cause the interlocking to operate and is then closed, the number of operations being defined in the specific Part 2.....:		N/A
	After this test any defect that may be expected in normal use is applied to the interlock system, including interruption of the supply, only one defect being simulated at a time		N/A
	After these tests the interlock system is fit for further use		N/A
22.ZE.7	Adjustable guards restricting access to areas of the moving parts strictly necessary for the work are:		N/A
	- adjustable manually or automatically, depending on the type of work involved, and		N/A
	- readily adjustable without the use of tools		N/A
22.ZE.8	In case of interruption, re-establishment after an interruption or fluctuation in whatever manner of the power supply, the appliance does not restart		N/A
	However, automatic restarting of the operation is allowed if the appliance may continue to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage interruption or fluctuation occurred		N/A
22.ZE.9	Appliances fitted with means to isolate them from all energy sources		N/A
	Such isolators are clearly identified, and		N/A
	they are capable of being locked if reconnection endanger persons		N/A
	After the energy source is disconnected, it is possible to dissipate any energy remaining or stored in the circuits of the appliance without risk to persons		N/A

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
ZF	**ANNEX ZF** (INFORMATIVE) **CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD**		
	List of standards under CENELEC/TC61 with the allocation under the LVD (Low Voltage Directive) or the MD (Machinery Directive) .....:	LVD	--
ZG	**ANNEX ZG** (NORMATIVE) **UV APPLIANCES**		
	The following modifications to this standard apply to appliances having UV emitters		N/A
	This annex is not applicable to appliances covered by the scopes of IEC 60335-2-27, IEC 60335-2-59 or IEC 60335-2-109		N/A
7.12.ZG	The instructions for appliances incorporating UVC emitters include the substance of the following: WARNING — This appliance contains a UV emitter. Do not stare at the light source		N/A
32	For appliances incorporating UV emitters the manufacturer delivers a declaration providing evidence that the plastic material exposed to the radiation is UV resistant		N/A
ZH	**ANNEX ZH** (INFORMATIVE) **Common plug and socket-outlet types in CENELEC countries**		
	In general, supply cords of single-phase appliances having a rated current not exceeding 16 A are fitted with a plug complying with the following standard sheets:		P
	- for class I appliances or class II appliances with functional earth, standard sheet EU2, EU3 or EU4:		P
	- for class II appliances, standard sheet EU5, EU6 or EU7 .....:		N/A
	There are exemptions or differences in certain CENELEC countries		N/A
ZI	**ANNEX ZI** (INFORMATIVE) **Information on the application of A11:2014 to EN 60335-1:2012** **CENELEC CLC/TC 61(SEC)2096A**		
	Clarification of the application of parts 2 in conjunction with the 2002 or 2012 version of EN 60335-1		--
ZZA	**ANNEX ZZA** (INFORMATIVE) **RELATIONSHIP BETWEEN THIS EUROPEAN STANDARD AND THE SAFETY OBJECTIVES OF DIRECTIVE 2014/35/EU [2014 OJ L96} AIMED TO BE COVERED**		

EN 60335-1:2012+AC:2014+A11:2014+A13:2017+A1:2019+A14:2019+A2:2019			
Clause	Requirement + Test	Result - Remark	Verdict
	This standard provides one means of conforming to safety objectives of Directive 2014/35/EU		--
	When cited in the Official Journal under that Directive, compliance with the normative clauses of this standard given in Table ZZA.1 confers a presumption of conformity with the safety objectives of that Directive and associated EFTA regulations		--
	Compliance with this Part 1 when used together with the relevant Part 2 provides one means of conformity with the safety objectives		--
ZZB	**ANNEX ZZB** (INFORMATIVE) **RELATIONSHIP BETWEEN THIS EUROPEAN STANDARD AND THE ESSENTIAL REQUIREMENTS OF DIRECTIVE 2006/42/EC AIMED TO BE COVERED**		
	This standard provides one means of conforming to essential requirements of EU Directive 2006/42/EC		--
	When cited in the Official Journal under that Directive, compliance with the normative clauses of this standard given in Table ZZB.1 confers a presumption of conformity with the essential requirements of that Directive and associated EFTA regulations		--
	Compliance with this Part 1 when used together with the relevant Part 2 provides one means of conformity with the essential health and safety requirements		--

EN 60335-1:2012/A15:2021			
Clause	Requirement + Test	Result - Remark	Verdict
20.2	Replace in the second paragraph "dangerous" with "hazardous"		N/A
22.44	An appliance is child-appealing if one of the following criteria is present:		—
	— appliance decorated using faces, cartoon like characters, or similar images;		N/A
	— appliance using shapes representing animals, characters, persons or scale models.		N/A
	An appliance is child-appealing if more than one of the following criteria are present:		—
	— using non-functional light (functional light is e.g. illumination of an object or area, signal indicating status of an appliance);		N/A
	— using non-functional sound (e.g. music);		N/A
	— using non-functional movement.		N/A

	If the appliance is child-appealing, has a mass less than 4 kg or is mounted or normally intended for use at a height less than 850 mm, the following conditions shall be met:		—
	— No surface (both functional surfaces and non-functional) that are accessible by means of test probe 19 of IEC 61032 located at a height less than 850 mm shall exceed the temperature rises stated below:		—
	Temperature rise – of bare metal 38K – of coated metal 42K – of glass and ceramic 51K – of plastic having a thickness exceeding 0,4 mm 58K		N/A
	Hazardous moving parts shall not be accessible by means of test probe 19 of IEC 61032 under the conditions specified for test probe 18 in Clause 20.2.		N/A
	Live parts shall not be accessible by means of test probe 19 of IEC 61032 under the conditions specified for test probe 18 in Clause 8.1.1.		N/A
	Liquid in the appliance shall not exceed 38 °C in normal use when it is accessible by means of test probe 19 under the conditions specified for test probe 18 in Clause 20.2 or can get out of the appliance when positioned in different positions. Vessels in which two independent and sequential actions are needed to access the liquid are considered to meet the requirement.		N/A
	The requirement of 22.12 is applicable for all accessible parts of the appliance.		N/A
	The requirement is not applicable to appliances where there is a toy shaped like the appliance.		N/A
	Components that have been tested and shown to comply with the resistance to fire requirements in the EN standard for the relevant component need not be retested provided that:		—
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

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict

EN 60335-2-14:2006 + A1:2008 + A11:2012 used in conjunction with EN 60335-1:2012+A11:2014+A13:2017			
	CENELEC COMMON MODIFICATIONS		
6.1	Delete “class 0” and “class 01”		P
	Class II or class III for hand-held kitchen machines (EN 60335-2-14, A1:2008)		N/A
7.1	Single-phase appliances to be connected to the supply mains: 230 V covered		P
	Multi-phase appliances to be connected to the supply mains: 400 V covered		N/A
7.10	The accessible switch required by 22.40 distinguished from other manual devices by means of shape, or size, or surface texture, or position, etc. (EN 60335-2-14, A11:2012)		P
	An indication that the device has been operated is given by: (EN 60335-2-14, A11:2012)		--
	• a tactile feedback, or		N/A
	• an audible and visual feedback		P
	A selector switch with an off-position clearly identifiable is allowed (EN 60335-2-14, A11:2012)		P
	An ON/OFF switch, if any, is considered a suitable device to stop operational functions (EN 60335-2-14, A11:2012)		P
	A plug is not considered a suitable device to stop operational functions, as it can be difficult to be reached by vulnerable persons (EN 60335-2-14, A11:2012)		N/A
7.12	The instructions include the substance of the following:		--
	- 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		N/A
	- children shall not play with the appliance		P
	- cleaning and user maintenance shall not be made by children without supervision		P
	The instructions for appliances warn against misuse (EN 60335-2-14, A11:2012)		P
	The instructions include the substance of the following: (EN 60335-2-14, A11:2012)		--

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	Always disconnect the appliance from the supply if it is left unattended and before assembling, disassembling or cleaning (EN 60335-2-14, A11:2012)		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 include the substance of the following: (EN 60335-2-14, A11:2012)		--
	This appliance shall not be used by children. Keep the appliance and its cord out of reach of children (EN 60335-2-14, A11:2012)		P
	The instructions for can openers, citrus-fruit squeezers, cream whippers, egg beaters, graters and ice-cream machines include the substance of the following: (EN 60335-2-14, A11:2012)		--
	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 (EN 60335-2-14, A11:2012)		N/A
	Cleaning and user maintenance shall not be made by children unless they are aged from 8 years and above and supervised (EN 60335-2-14, A11:2012)		N/A
	Keep the appliance and its cord out of reach of children aged less than 8 years (EN 60335-2-14, A11:2012)		N/A
	The instructions also include the substance of the following: (EN 60335-2-14, A11:2012)		--
	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 (EN 60335-2-14, A11:2012)		P
	Children shall not play with the appliance (EN 60335-2-14, A11:2012)		P
7.12.Z1	The specific instructions related to the safe operation of this appliance is collated together in the front section of the user instructions		P
	The height of the characters, measured on the capital letters, is at least 3 mm		P
	These instructions are also available in an alternative format, e.g. on a website		P
8.1.1	Also test probe 18 of EN 61032 is applied		P

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	The appliance being in every possible position during the test		P
	The force on the probe in the straight position is increased to 10 N when probe 18 is used		P
	When using test probe 18 the appliance is fully assembled as in normal use without any parts removed, and		P
	parts intended to be removed for user maintenance are also not removed		P
8.2	Compliance is checked by applying the test probes of EN 61032		P
	For built-in appliances and fixed appliances, the test probe B and probe 18 of EN 61032 are applied only after installation		P
11.8	Add the following Table Z101 (EN 60335-2-14, A11:2012)		P
15.1.2	Appliances with an automatic cord reel tested with the cord in the most unfavourable position so that the reeling of the wet cord may affect electrical insulation during operation, the cord not being dried before reeling		N/A
20.2	When using the test probe similar to test probe B with a circular stop face, the accessories and detachable covers are removed		P
	Test probe 18 applied with a force of 2,5N on the appliance fully assembled		P
	Test probe B not applied to: (EN 60335-2-14, A11:2012)		--
	- appliances specified in the list		N/A
	- the following parts of other appliances:		N/A
	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		N/A
	outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 r/min		N/A
	projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm		N/A
	Test probe 18 not applied to: (EN 60335-2-14, A11:2012)		--
	- appliances specified in the list		N/A
	- the following parts of other appliances:		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	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		N/A
	outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 r/min		N/A
	projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm		N/A
21.Z101	Drop test for hand-held appliances (EN 60335-2-14, A11:2012)		N/A
	The appliance not damaged to such an extent that compliance with this standard, in particular with Clauses 8 and 29, is impaired (EN 60335-2-14, A11:2012)		N/A
24.1	Components comply with the safety requirements specified in the relevant standards as far as they reasonably apply		P
	The requirements of Clause 29 of this standard apply between live parts of components and accessible parts of the appliance.		P
	The requirements of 30.2 of this standard apply to parts of non-metallic material in components including parts of non-metallic material supporting current-carrying connections inside components		P
	Components that have not been previously tested or do not comply with the standard for the relevant component are tested according to the requirements of 30.2		P
	Components that have been previously tested and shown to comply with the resistance to fire requirements in the standard for the relevant component need not be retested provided that:		--
	- the severity specified in the component standard is not less than the severity specified in 30.2, and		P
	- the test report for the component states whether it complied with the standard for the relevant component with or without flame, flames not exceeding 2 s during the test are ignored		N/A
	Unless components have been previously tested and found to comply with the relevant standard for the number of cycles specified, they are tested in accordance with 24.1.1 to 24.1.9		P

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	For components mentioned in 24.1.1 to 24.1.9, no additional tests specified in the relevant standard for the component are necessary other than those specified in 24.1.1 to 24.1.9		N/A
	Components that have not been separately tested and found to comply with the relevant standard, and		N/A
	components that are not marked or not used in accordance with their marking,		N/A
	are tested in accordance with the conditions occurring in the appliance, the number of samples being that required by the relevant standard		P
	Lamp holders and starter holders that have not been previously tested and found to comply with the relevant standard are tested as a part of the appliance and additionally comply with the gauging and interchangeability requirements of the relevant standard under the conditions occurring in the appliance		N/A
	Where the relevant standard specifies these gauging and interchangeability requirements at elevated temperatures, the temperatures measured during the tests of Clause 11 are used		P
	Plugs and socket-outlets and other connecting devices of interconnection cords are not interchangeable with plugs and socket-outlets listed in IEC/TR 60083 or IEC 60906-1, or		P
	with connectors and appliance inlets complying with the standard sheets of IEC 60320-1,		N/A
	if direct supply to these parts from the supply mains gives rise to a hazard		N/A
24.1.7	If the remote operation of the appliance is via a telecommunication network, the relevant standard for the telecommunication interface circuitry in the appliance is EN 41003		N/A
	Compliance with Clause 8 of this standard is not impaired by connecting the appliance to a device covered by EN 41003		N/A
24.Z1	For motor running capacitors (IEC 60252-1 type P2) with a metallic enclosure having an overpressure fuse the flame testing of internal plastic parts supporting current carrying connections as required in 30.2.2 and 30.2.3.1 is not necessary		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
25.6	Supply cords of single-phase portable appliances having a rated current not exceeding 16 A, fitted with a plug complying with the following standard sheets of IEC/TR 60083:		--
	- for Class I appliances: standard sheet C2b, C3b or C4 .....:		N/A
	- for Class II appliances: standard sheet C5 or C6 .....:		P
25.7	Rubber sheathed cords (60245 IEC 53) are not suitable for appliances intended to be used outdoors or when they are liable to be exposed to significant amount of ultraviolet radiation		N/A
	Halogen-free thermoplastic compound sheathed supply cords have properties at least those of:		--
	• halogen-free thermoplastic compound sheathed cords (H03Z1Z1H2-F or H03Z1Z1-F), for appliances having a mass not exceeding 3 kg		N/A
	• halogen-free thermoplastic compound sheathed cords (H05Z1Z1H2-F or H05Z1Z1-F), for other appliances		N/A
	Cross-linked halogen-free compound sheathed supply cords have properties at least those of cross-linked halogen-free compound sheathed cords (H07ZZ-F)		N/A
26.11	Conductors connected by soldering are not considered to be positioned or fixed so that reliance is not placed upon the soldering alone to maintain them in position unless they are held in place near the terminals independently of the solder		P
29.3.Z1	Appliance constructed so that if there is a possibility of damaging the insulation during installation, the insulation withstands the scratch and penetration test of 21.2		N/A
32	Compliance regarding electromagnetic fields is checked according to EN 50366 or EN 62233		P
Annex I, 19.I.101	The appliance is supplied at rated voltage and operated under normal operation with each of the fault conditions specified		N/A
	The duration of the test is as specified in 19.7		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
ZA	**ANNEX ZA** (NORMATIVE) **SPECIAL NATIONAL CONDITIONS**		
	Norway		
19.5	The test is also applicable to appliances intended to be permanently connected to fixed wiring		N/A
	Norway		
22.2	The second paragraph of this subclause, dealing with single-phase, permanently connected class I appliances having heating elements, is not applicable due to the supply system		N/A
	All CENELEC countries		
25.6 and 25.25	Information concerning National plug and socket-outlets is available from the CENELEC website. Normative national requirements concerning plug and socket-outlets are shown in the relevant National standard		P
	Ireland and United Kingdom		
25.8	In the table, the lines for 10 A and 16 A are replaced by:		--
	> 10 and ≤ 13 1,25		N/A
	> 13 and ≤ 16 1,5		N/A
ZB	**ANNEX ZB** (INFORMATIVE) **A-DEVIATIONS**		
	Ireland		
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs complying with I.S. 401:1997, or equivalent, to be fitted to domestic appliances		N/A
	United Kingdom		

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
25.6	These regulations apply to all plugs for domestic use at a voltage of not less than 200 V and in general allow only plugs to BS 1363 to be fitted to domestic appliances. It also allows plugs to BS 4573 and EN 50075 to be fitted to shavers and toothbrushes		N/A
ZC	**ANNEX ZC** (NORMATIVE) **NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS**		
	A list of referenced documents in this standard		P
ZD	**ANNEX ZD** (INFORMATIVE) **IEC and CENELEC CODE DESIGNATIONS FOR FLEXIBLE CORDS**		
	A table with IEC and CENELEC code designations for flexible cords		P
ZE	**ANNEX ZE** (INFORMATIVE) **SPECIFIC ADDITIONAL REQUIREMENTS FOR APPLIANCES AND MACHINES INTENDED FOR COMMERCIAL USE**		
7.1	Business name and full address of the manufacturer and, where applicable, his authorized representative.....:		N/A
	Model or type reference .....:		N/A
	Serial number, if any .....:		N/A
	Production year		N/A
	Designation of the appliance.....:		N/A
7.12	Instructions provided with the appliance so that the appliance can be used safely		N/A
	The instructions contain at least the following information:		--
	- the business name and full address of the manufacturer and, where applicable, his authorized representative		N/A
	- model or type reference of the appliance as marked on the appliance itself, except for the serial number		N/A
	- the designation of the appliance together with its explanation in case it is given by a combination of letters and/or numbers		N/A
	- the general description of the appliance, when needed due to the complexity of the appliance		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	- specific precautions if required during installation, operation, adjusting, user maintenance, cleaning, repairing or moving		N/A
	- when needed drawings, diagrams, descriptions and explanations necessary for the safe use and user maintenance of the appliance		N/A
	- the possible reasonably foreseeable misuse and, whenever relevant, a warning against the effects it may have on the safe use of the appliance		N/A
	The words “Original instructions” appear on the language version(s) verified by the manufacturer or by the authorized representative		N/A
	When a translation of the original instructions has been provided by a person introducing the appliance on the market; the meaning of the sentence “Translation of the original instructions” appear in the relevant instructions delivered with the appliance		N/A
	The instructions for maintenance/service to be done by specialized personnel, mandated by the manufacturer or the authorized representative may be supplied in only one Community language which the specialized personnel understand		N/A
	The instructions indicate the type and frequency of inspections and maintenance required for safe operation including the preventive maintenance measures		N/A
7.12.ZE1	If needed for specific appliances, the following information to be given:		--
	• on use, transportation, assembly, dismantling when out of service, testing or foreseeable breakdowns, if these operations have consequences on stability of the appliance in order to avoid overturning, falling or uncontrolled movements of the appliance or of its component parts		N/A
	• on how to maintain adequate mechanical stability when in use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
	• on the protective measures to be taken by the user, including, where appropriate, the personal protective equipment to be provided		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	• on the operating method to be followed in the event of accident or breakdown; if a blockage is likely to occur the operating method to safely unblock the appliance		N/A
	• on the specifications on the spare parts to be used, when these affect the health and safety of the operator		N/A
	• on airborne noise emissions, determined and declared in accordance with the relevant Part 2, which includes:		--
	- the A-weighted emission sound pressure level at workstations, where this exceeds 70 dB(A) .....;		N/A
	- where this level does not exceed 70 dB(A), this fact is indicated		N/A
	- the peak C-weighted instantaneous sound pressure value at workstations, where this exceeds 63 Pa (130 dB in relation to 20 µPa).....:		N/A
	- the A-weighted sound power level emitted by the machinery, where the A-weighted emission sound pressure level at workstations exceeds 80 dB(A).....:		N/A
7.12.ZE2	The instructions includes a warning to disconnect the appliance from its power source during service and when replacing parts		N/A
	If the removal of the plug is foreseen, it is clearly indicated that the removal of the plug has to be such that an operator can check from any of the points to which he has access that the plug remains removed		N/A
	If this is not possible, due to the construction of the appliance or its installation, a disconnection with a locking system in the isolated position is provided		N/A
19.11.4.8	The appliance continues to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage fluctuation occurred, or		N/A
	a manual operation is required to restart it		N/A
20.1	Appliances and their components and fittings have adequate mechanical stability during transportation, assembly, dismantling and any other action involving the appliance		N/A
20.2	Dangerous moving transmission parts safeguarded either by design or guards		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	When guards are used, they are fixed guards, interlocking movable guards or protective devices		N/A
	Moving parts directly involved in the function of the appliance which cannot be made completely inaccessible fitted with:		--
	- fixed guards or interlocking movable guards preventing access to those sections of the parts that are not used in the work, and		N/A
	- adjustable guards restricting access to those sections of the moving parts where access is necessary		N/A
	Interlocking movable guards used where frequent access is required		N/A
21.1	Appliances and their components and fittings have adequate mechanical strength and is constructed to withstand such rough handling that may be expected in normal use, during transportation, assembly, dismantling, scrapping and any other action involving the appliance		N/A
22.ZE.1	For appliances provided with a seat, the seat gives adequate stability		N/A
	The distance between the seat and the control devices capable of being adapted to the operator		N/A
22.ZE.2	For appliances provided with separate devices for the start and the stop functions, the stop function is unambiguously identifiable and does always override the start function		N/A
	For appliances provided with one device performing the start and the stop function, the stop function is unambiguously identifiable and does always override the start function		N/A
22.ZE.3	Appliances designed in such a way that incorrect mounting is avoided, if this can lead to an unsafe situation		N/A
	If this is not possible, information on the correct mounting is given directly on the part and/or the enclosure		N/A
22.ZE.4	Where the weight, size or shape prevents appliances from being moved manually, they are fitted with attachments for lifting gear, or		N/A
	so designed that they can be fitted with such attachments, or		N/A
	be shaped in such a way that standard lifting gear can easily be used		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	Appliances to be moved manually are constructed or equipped so that they can be moved easily and safely		N/A
22.ZE.5	The fixing systems of fixed guards which prevent access to dangerous moving transmission parts only removable with the use of tools		N/A
	If such guards have to be removed by the user for routine cleaning or maintenance their fixing systems remain attached to the fixed guards or to the machine after removal		N/A
	Where possible, guards are incapable of remaining in place without their fixings		N/A
	This does not apply if, after removal of the screws, or if the component is incorrectly repositioned, the appliance becomes inoperative		N/A
	Movable guards are interlocked		N/A
	The interlocking devices prevent the start of hazardous appliance functions until the guards are fixed in their position, and give a stop command whenever they are no longer closed		N/A
	Where it is possible for an operator to reach the danger zone before the risk due to hazardous appliance functions has ceased, movable guards associated with a guard locking device in addition to an interlocking device that:		--
	- prevents the start of hazardous appliance functions until the guard is closed and locked, and		N/A
	- keeps the guard closed and locked until the risk of injury from the hazardous appliance functions has ceased		N/A
	Interlocking movable guards remain attached to the appliance when open, and		N/A
	they are designed and constructed in such a way that they can be adjusted only by means of an intentional action		N/A
22.ZE.6	Interlocking movable guards designed in such a way that the absence or failure of one of their components prevents starting or stops the hazardous appliance functions		N/A
	The guard is opened to the extent needed to cause the interlocking to operate and is then closed, the number of operations being defined in the specific Part 2.....:		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	After this test any defect that may be expected in normal use is applied to the interlock system, including interruption of the supply, only one defect being simulated at a time		N/A
	After these tests the interlock system is fit for further use		N/A
22.ZE.7	Adjustable guards restricting access to areas of the moving parts strictly necessary for the work are:		--
	- adjustable manually or automatically, depending on the type of work involved, and		N/A
	- readily adjustable without the use of tools		N/A
22.ZE.8	In case of interruption, re-establishment after an interruption or fluctuation in whatever manner of the power supply, the appliance does not restart		N/A
	However, automatic restarting of the operation is allowed if the appliance may continue to operate, without causing any hazard to the user, from the same point in its operating cycle at which the voltage interruption or fluctuation occurred		N/A
22.ZE.9	Appliances fitted with means to isolate them from all energy sources		N/A
	Such isolators are clearly identified, and		N/A
	they are capable of being locked if reconnection endanger persons		N/A
	After the energy source is disconnected, it is possible to dissipate any energy remaining or stored in the circuits of the appliance without risk to persons		N/A
			N/A
ZF	**ANNEX ZF** (INFORMATIVE) **CRITERIA APPLIED FOR THE ALLOCATION OF PRODUCTS COVERED BY STANDARDS IN THE EN 60335 SERIES UNDER LVD OR MD**		
	List of standards under CENELEC/TC61 with the allocation under the LVD (Low Voltage Directive) or the MD (Machinery Directive).....:		P
ZG	**ANNEX ZG** (NORMATIVE) **UV APPLIANCES**		
	The following modifications to this standard apply to appliances having UV emitters		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	This annex is not applicable to appliances covered by the scopes of IEC 60335-2-27, IEC 60335-2-59 or IEC 60335-2-109		N/A
7.12.ZG	The instructions for appliances incorporating UVC emitters include the substance of the following: WARNING — This appliance contains a UV emitter. Do not stare at the light source		N/A
32	For appliances incorporating UV emitters the manufacturer delivers a declaration providing evidence that the plastic material exposed to the radiation is UV resistant		N/A
ZZ	**ANNEX ZZ** (INFORMATIVE) **COVERAGE OF ESSENTIAL REQUIREMENTS OF EC DIRECTIVES**		
	Description of the relation between this European standard and the LVD (Low Voltage Directive, 2006/95/EC) and the MD (Machinery Directive, 2006/42/EC)		P

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict

EN 60335-2-14:2006/A12:2016			
7.10	Replace the text of Part 1 "Devices used to start/stop operational … or position, etc." by the following:		--
	"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."		P
7.12	Delete the third and fourth paragraph of Part 1		--
	"The instructions shall include the substance of the following: … children without supervision."		P
	Replace the first sentence in the fourth paragraph beginning with "The instructions for food processors…" by the following:		--
	"The instructions for appliances shall warn of potential injury from misuse."		P
	Replace the fifth paragraph beginning with "The instructions for hand-held blenders …" by the following:		--
	"The instructions for appliances shall include the substance of the following: 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:		--
	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:		--
	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
	The instructions shall also include the substance of the following:		--

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	Appliances can be used by persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and if they understand the hazards involved. Children shall not play with the appliance.”		P
11.8	Replace the first sentence of Part 1 by the following:		--
	“During the test, the temperature rises are monitored continuously and shall not exceed the values shown in Table 3 and Table Z101”.		P
	In Table 3, delete the row “External enclosure of motor-operated appliances, except handles held in normal use” and the corresponding footnotes.		P
	Add the following Table Z101.		P
20.2	Replace the second paragraph beginning with “The test probe is not applied to……” down to and including Note 102 by the following:		P
	“The test probe, similar to test probe B but having a circular stop face with a diameter of 50 mm, is not applied to:		--
	- appliances specified in the list		P
	- the following parts of other appliances:		N/A
	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;		N/A
	outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 r/min;		N/A
	projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm		N/A
	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.		P
	The test probe 18 is not applied to:		--
	- appliances specified in the list		P
	- the following parts of other appliances:		N/A
	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;		N/A

IEC60335_2_14 - ATTACHMENT			
Clause	Requirement - Test	Result - Remark	Verdict
	outlet sides of grating and shredding disks rotating at a speed not exceeding 1 500 r/min;		N/A
	projections from the surface of grinding disks, cones and similar parts having a height less than 4 mm		N/A
	In the third paragraph, first sentence, replace "The test probe is not applied to feed openings …" by “The test probes are not applied to feed openings …”.		N/A
	In the last paragraph, add "Test probe 18 is not applied to blenders." after the first sentence to read: “For blenders, detachable parts, except lids, are not removed. Test probe 18 is not applied to blenders. The test is carried out with …”.		N/A

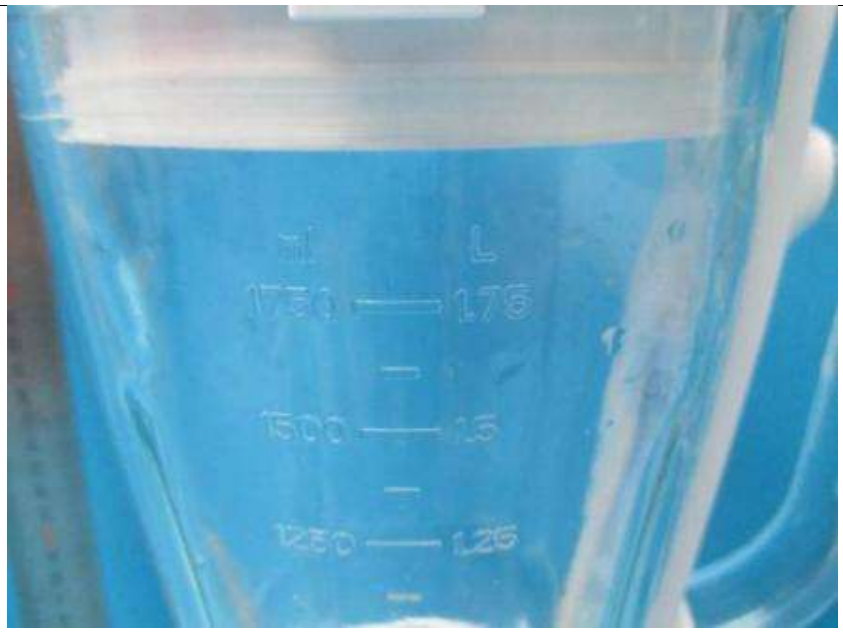
Annex EN 62233:2008			
Clause	Requirement + Test	Result - Remark	Verdict
EMF- ELECTROMAGNETICS FIELDS			
	The tested product also complies with the requirements of EN 62233:2008		
	Limit ……100%	Measured max. :… 1,5%	P

Details of: Over view BL9000C-GS

Details of: Over view BL9000C-GS

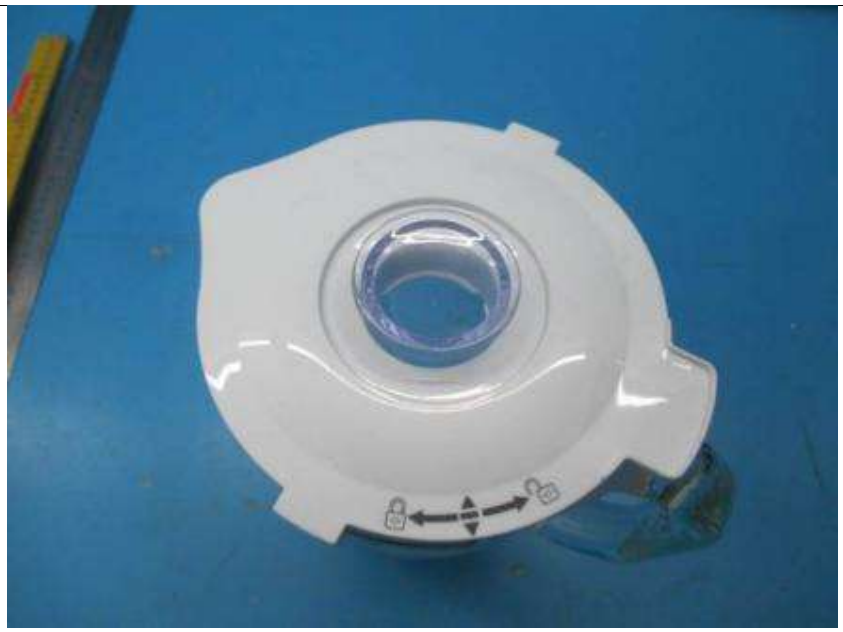
Details of: Switch marking

Details of: Water level

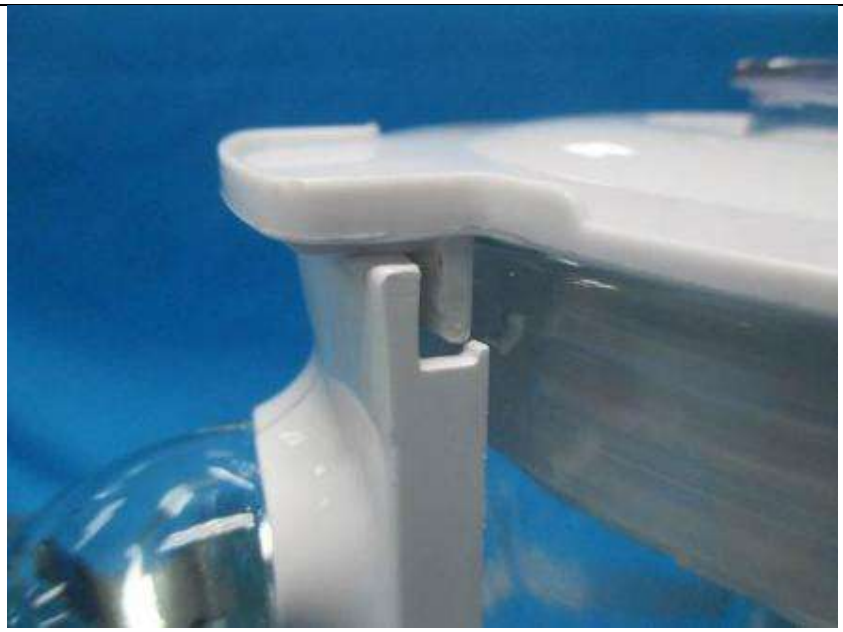


Details of: Over view

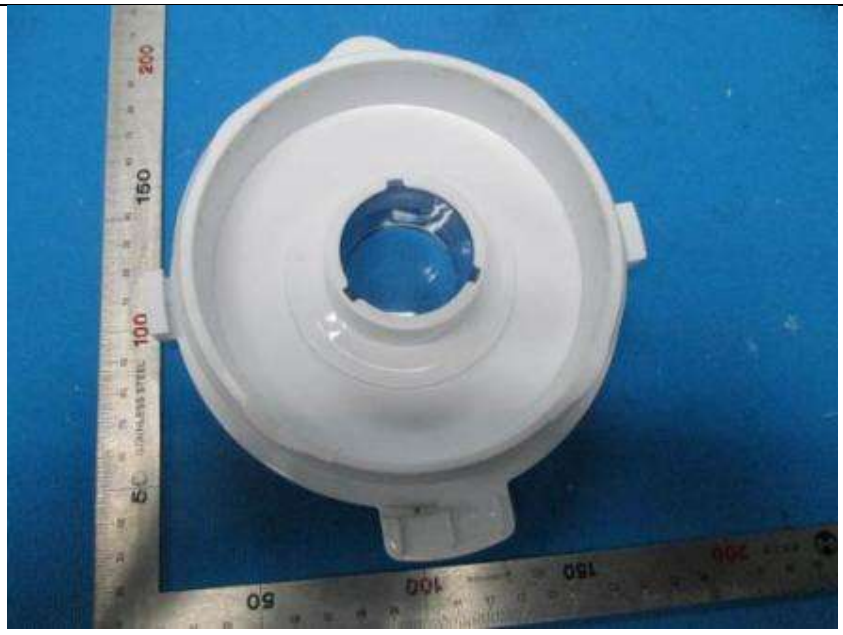
Details of: Container



Details of: Interlock construction of lid



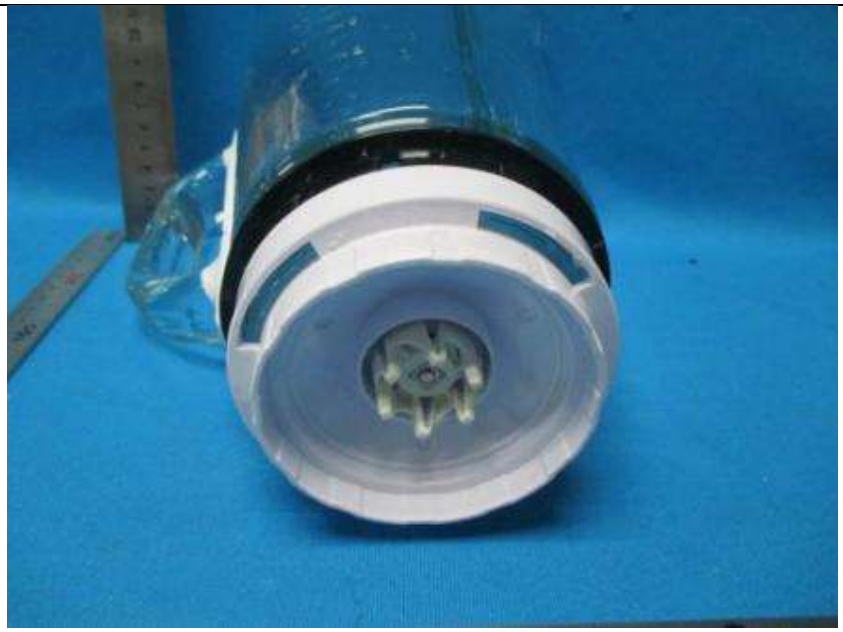
Details of: Lid



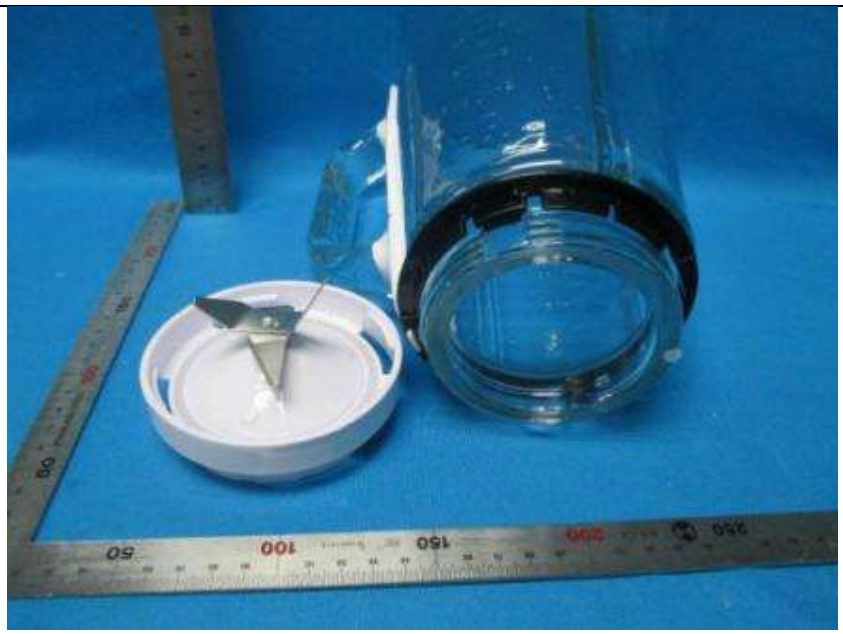
Details of: Interlock construction of lid

Details of: 1.75L glass cup

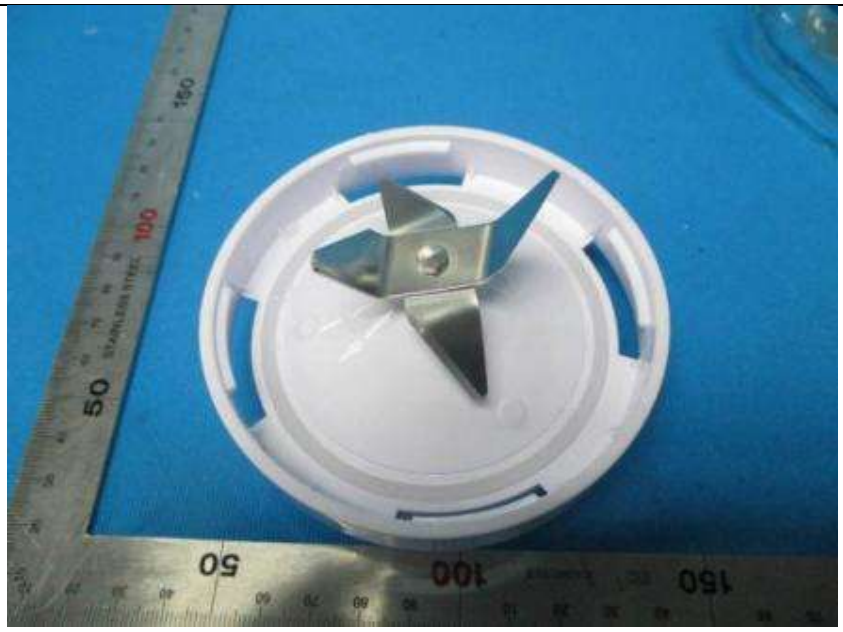
Details of: Container



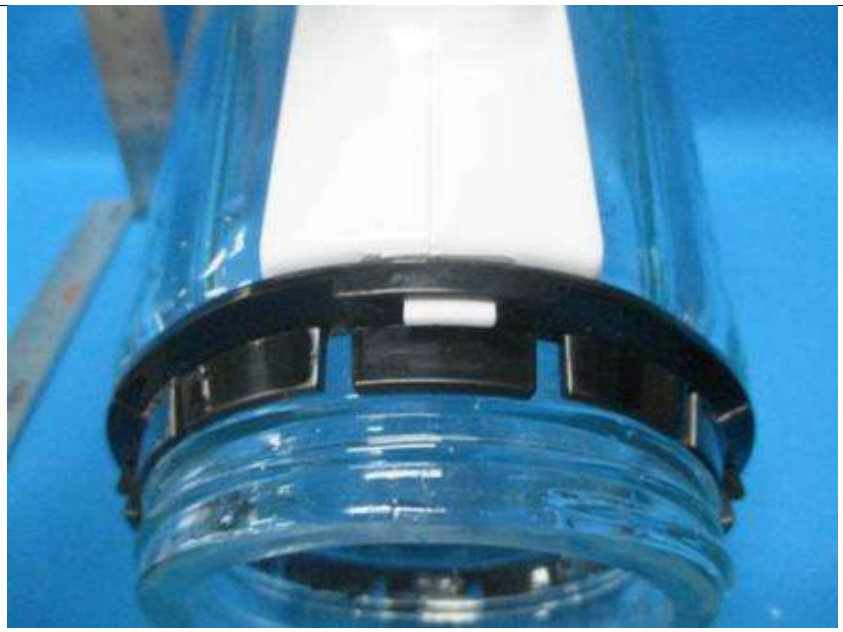
Details of: Container



Details of: Blades BL9000C-GS-80-01



Details of: Container

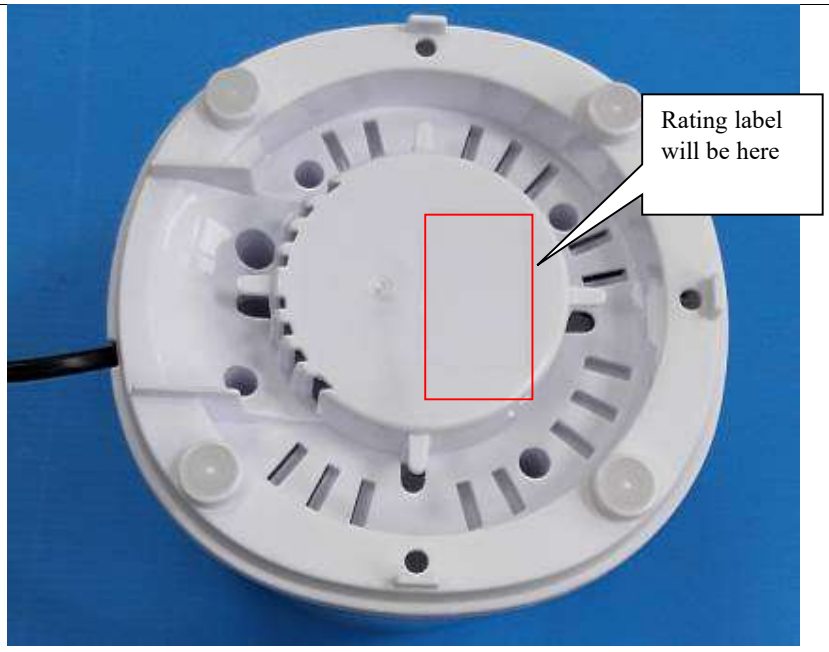


Details of: Base view

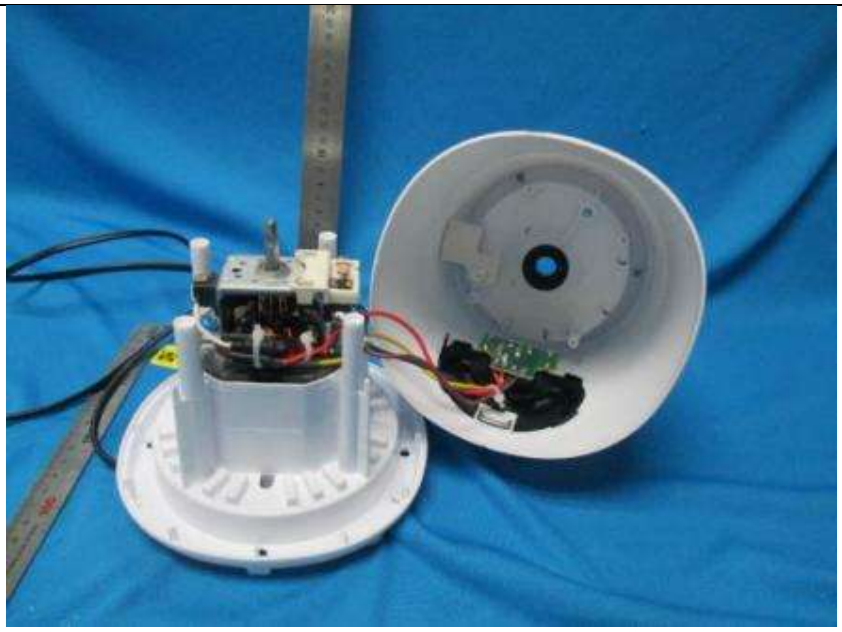
Details of: Connector cap

Details of: Lower connector

Details of: Bottom view

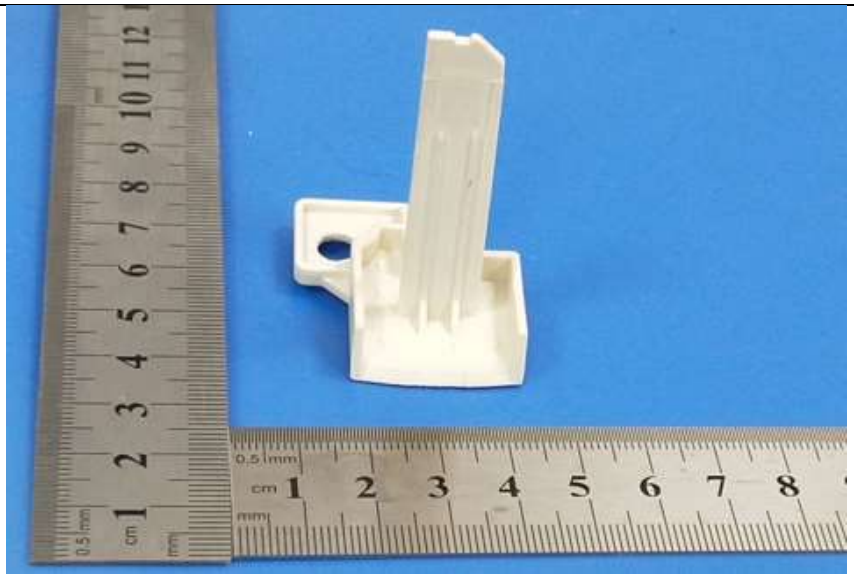


Details of: Inner view

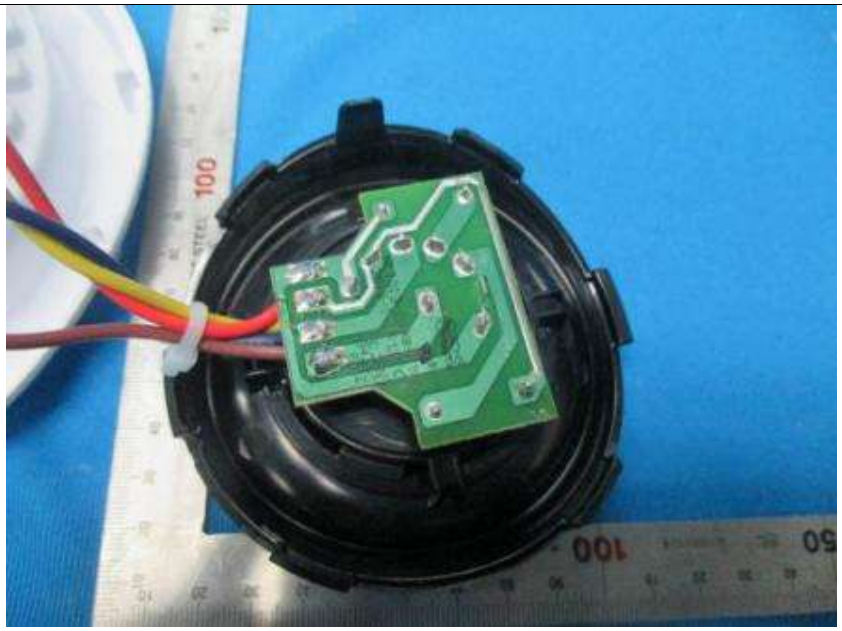


Details of: Inner view

Details of: Switch level

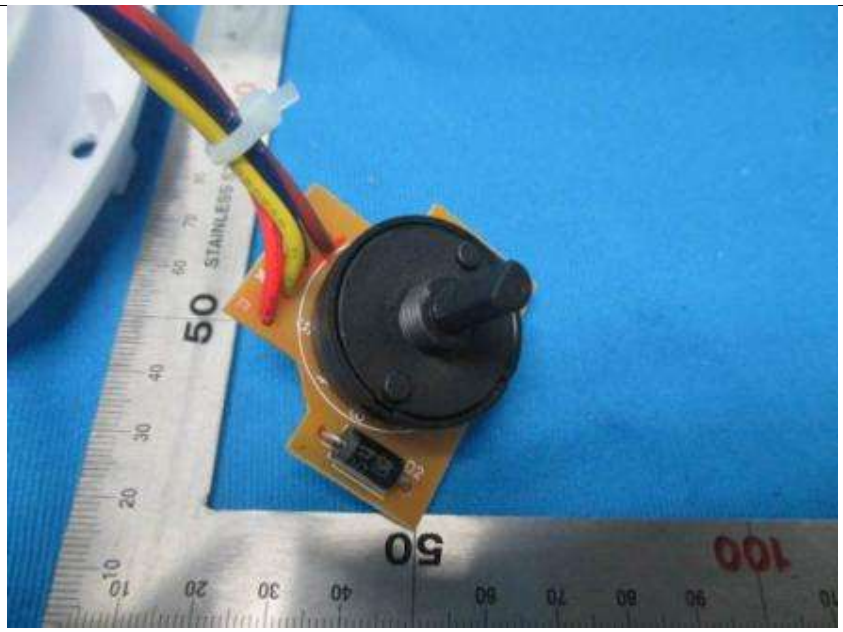


Details of: Switch PCB BL1013-GS



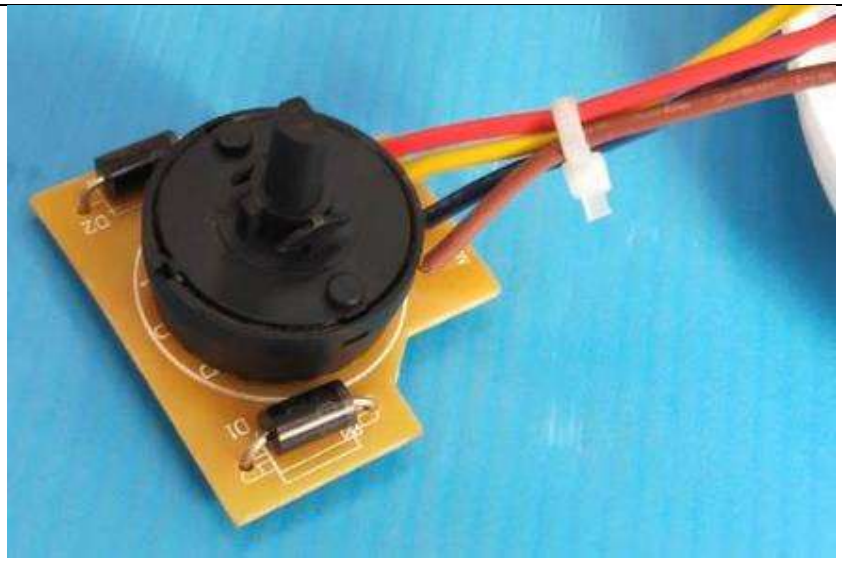
Details of: Switch knob (nut for fixing switch)

Details of: Switch knob (nut for fixing switch)



Details of: Switch knob (snap-in for fixing switch)

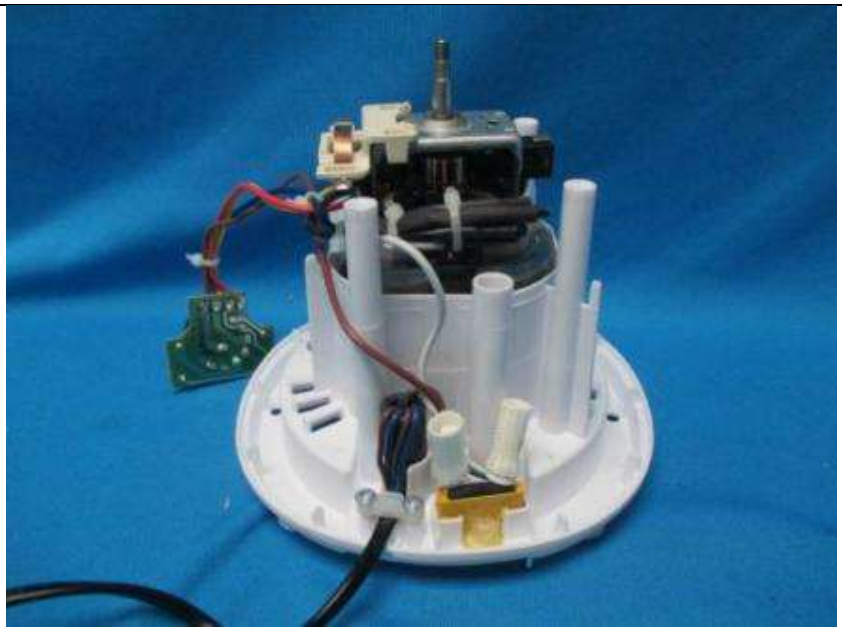
Details of: Switch knob (snap-in for fixing switch)



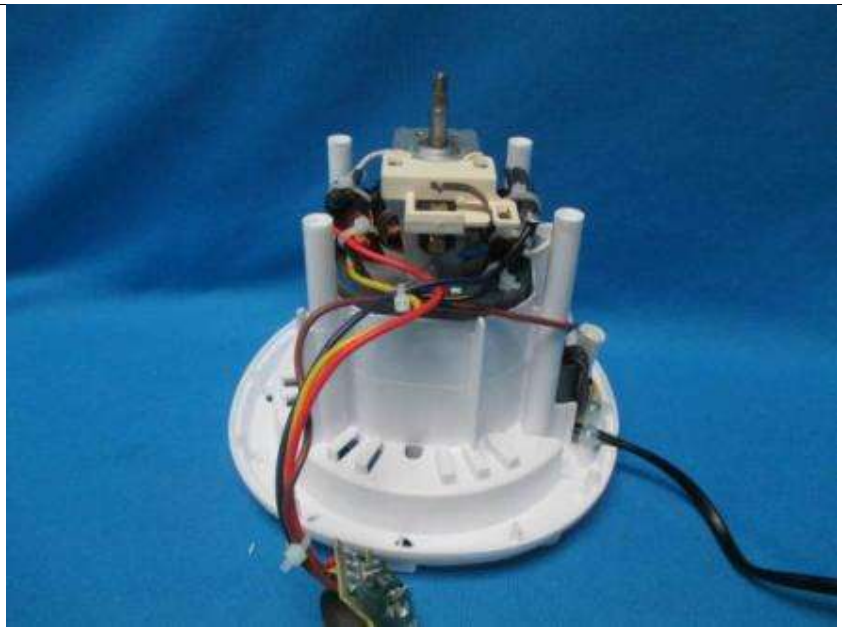
Details of: Speed switch AK-09 (P/0/1/2/3/4/5)

Details of: Inner view

Details of: Inner view



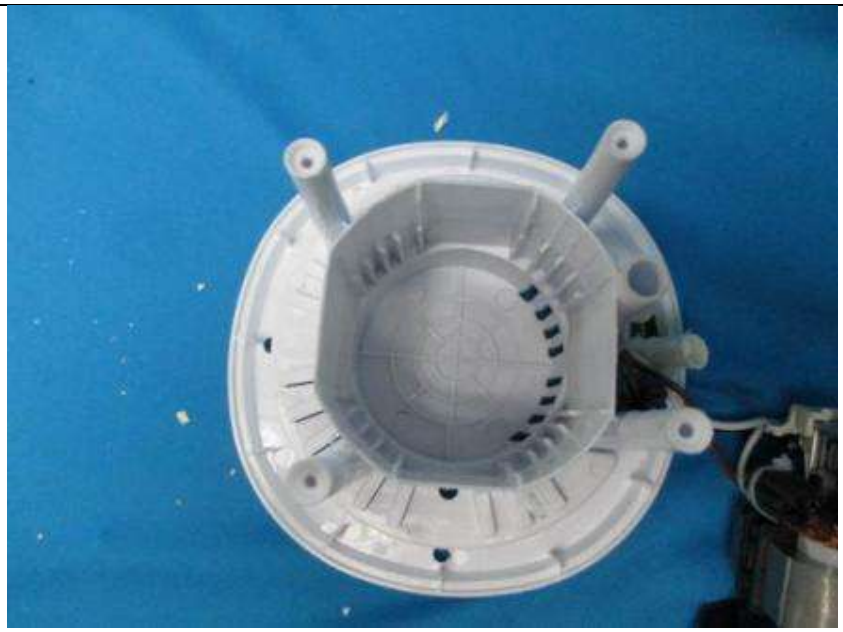
Details of: Inner view



Details of: Inner view

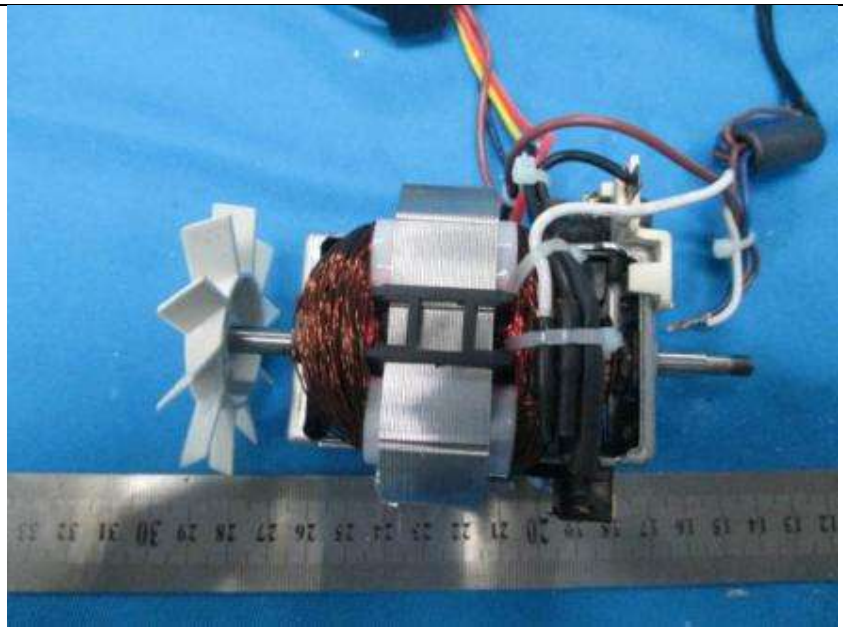
Details of: Inner view

Details of: Base

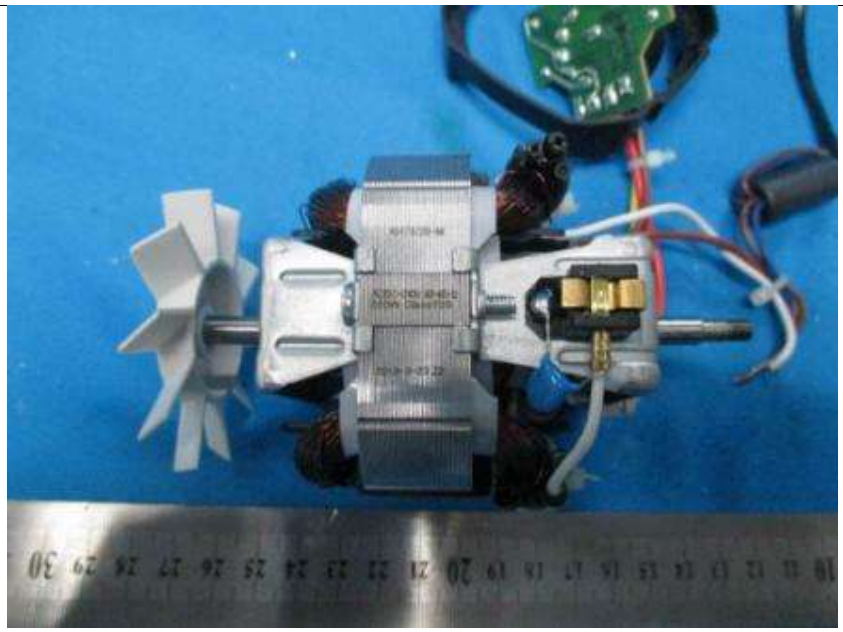


Details of: X2 capacitor

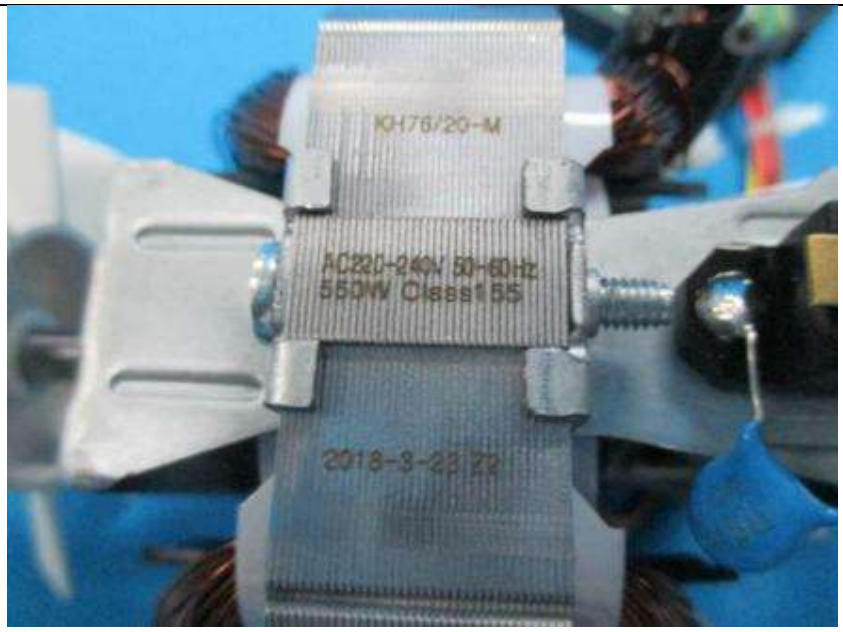
Details of: Motor



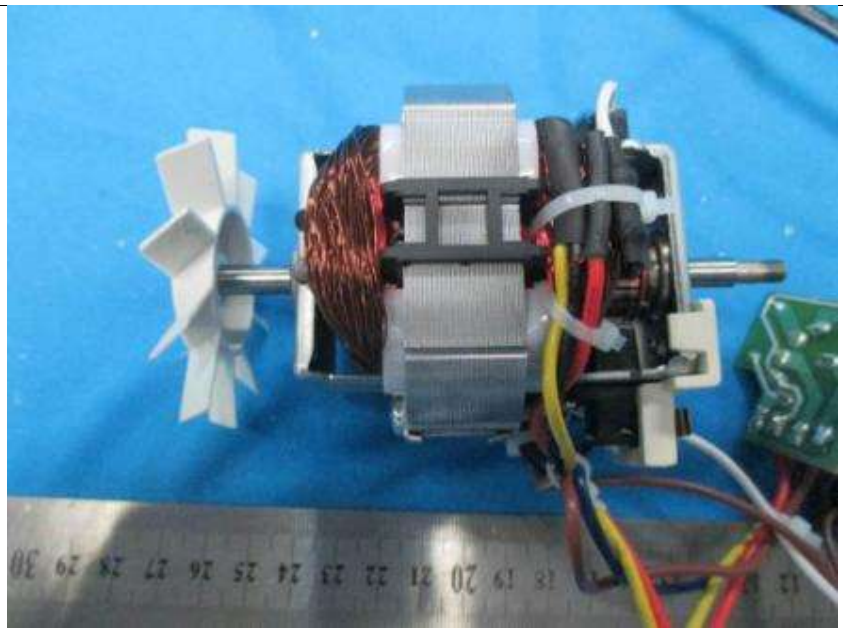
Details of: Motor



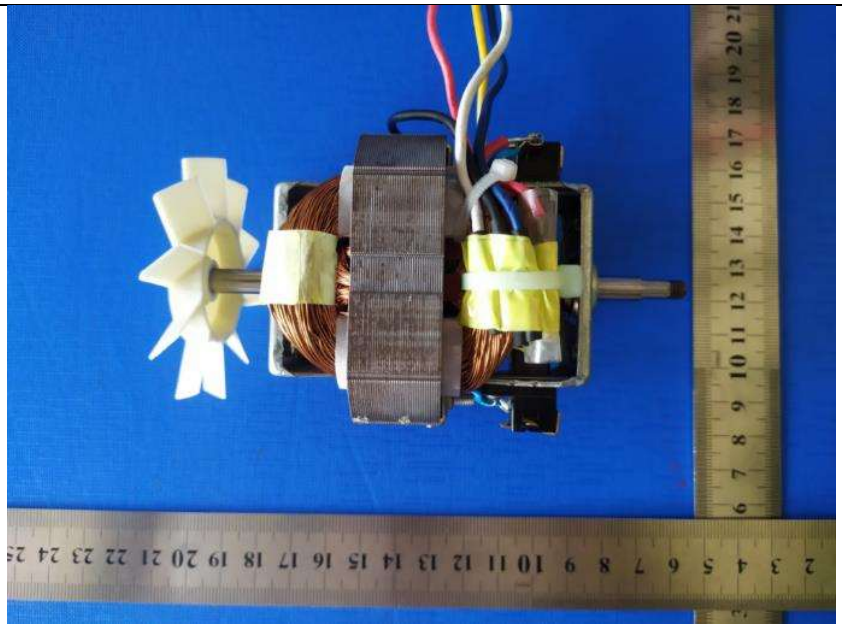
Details of: Motor KH76/20-M



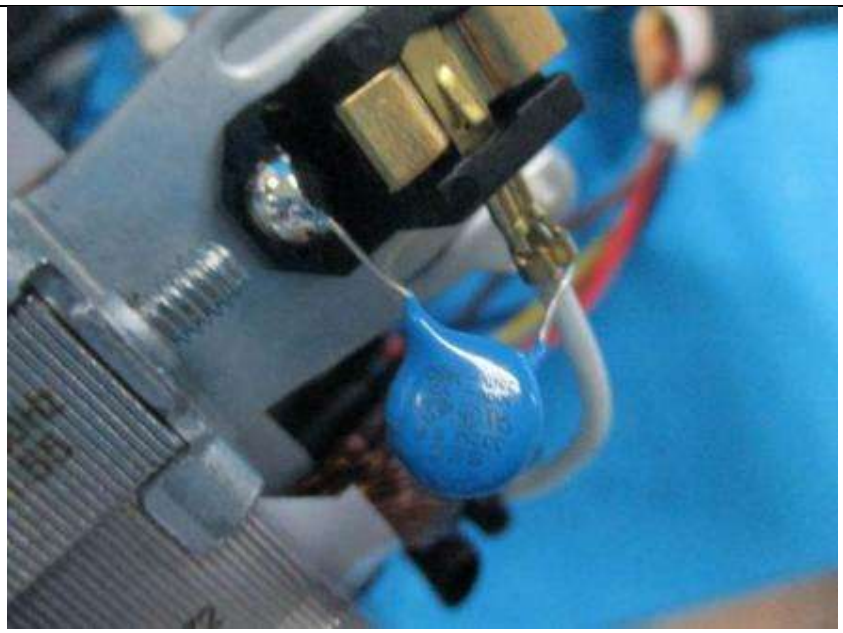
Details of: Motor KH76/20-M



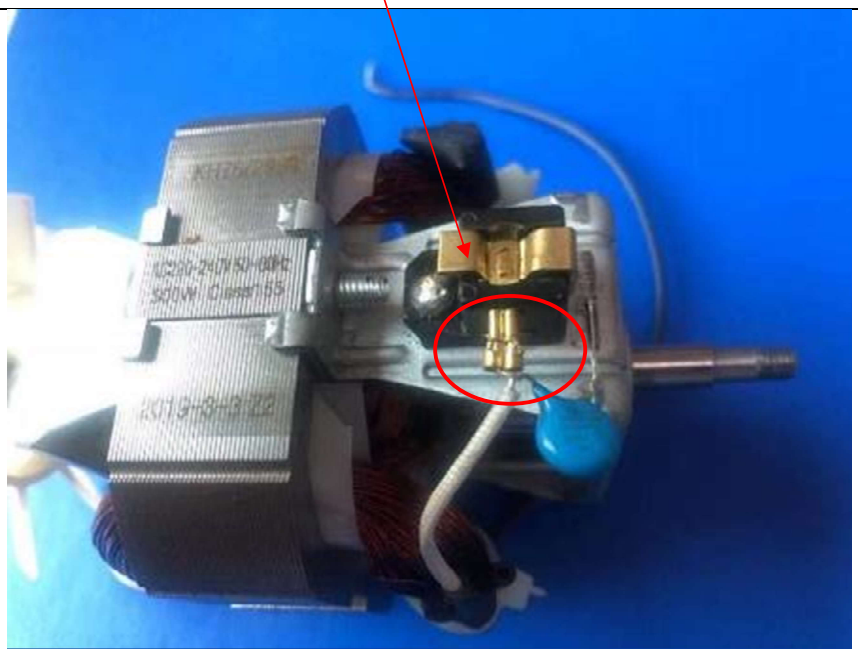
Details of:	Motor KH76/20-M(No motor support rack)



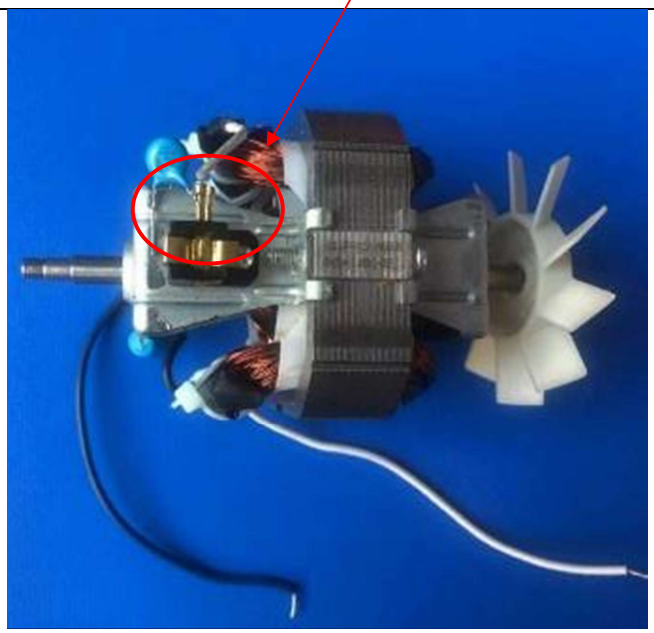
Details of: Y capacitor



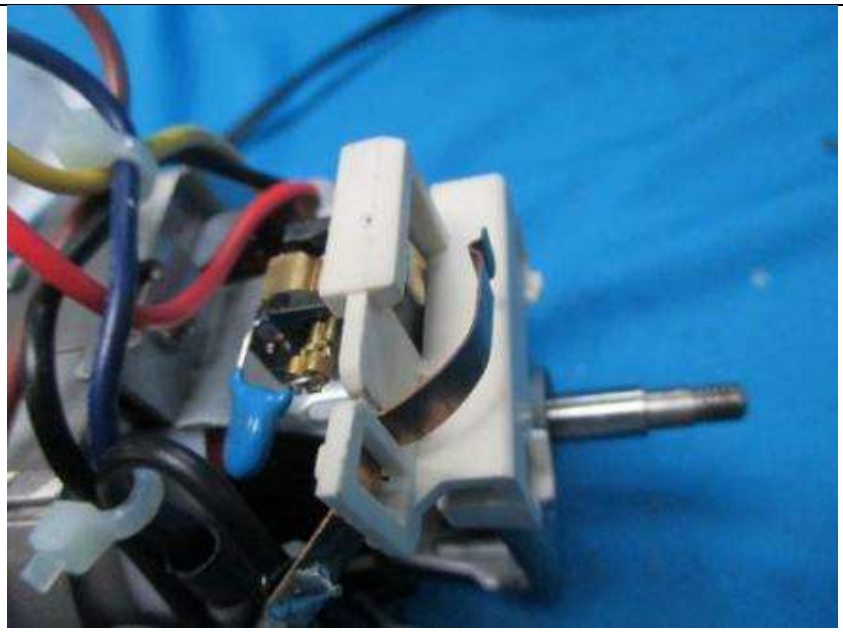
Details of: Alternative Y capacitor construction (this construction is applicable for all the motor)



Details of: Alternative Y capacitor construction (this construction is applicable for all the motor)



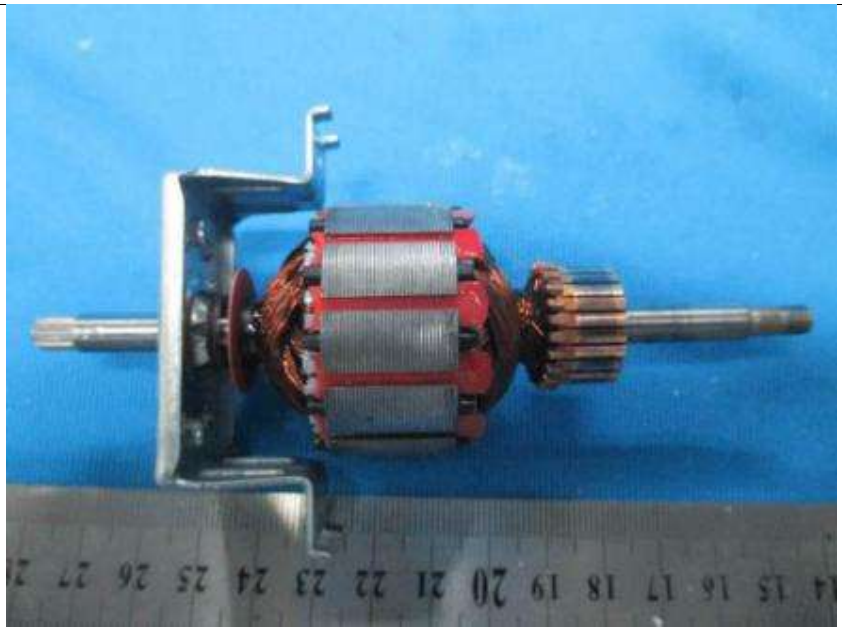
Details of: Interlock switch



Details of: Current fuse of motor

Details of: Stator

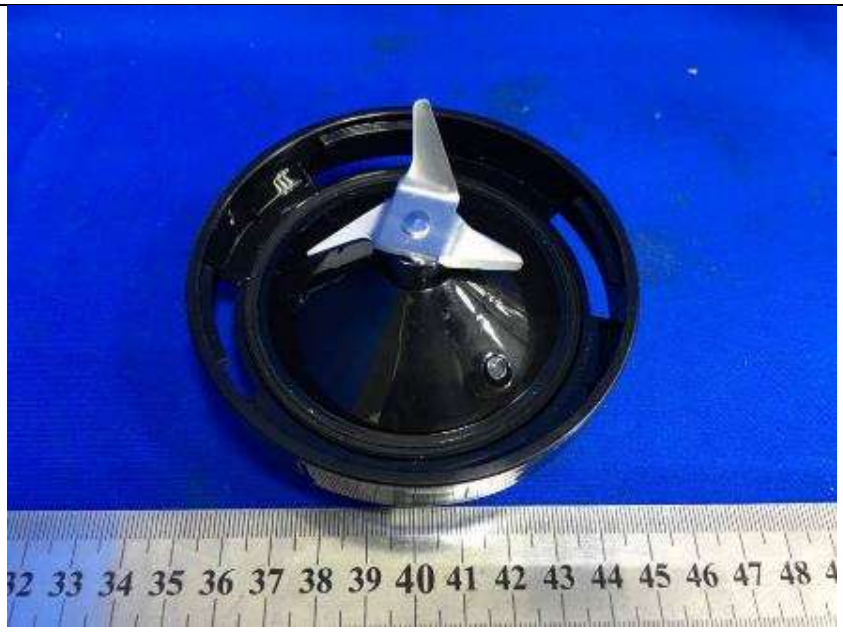
Details of: Rotor



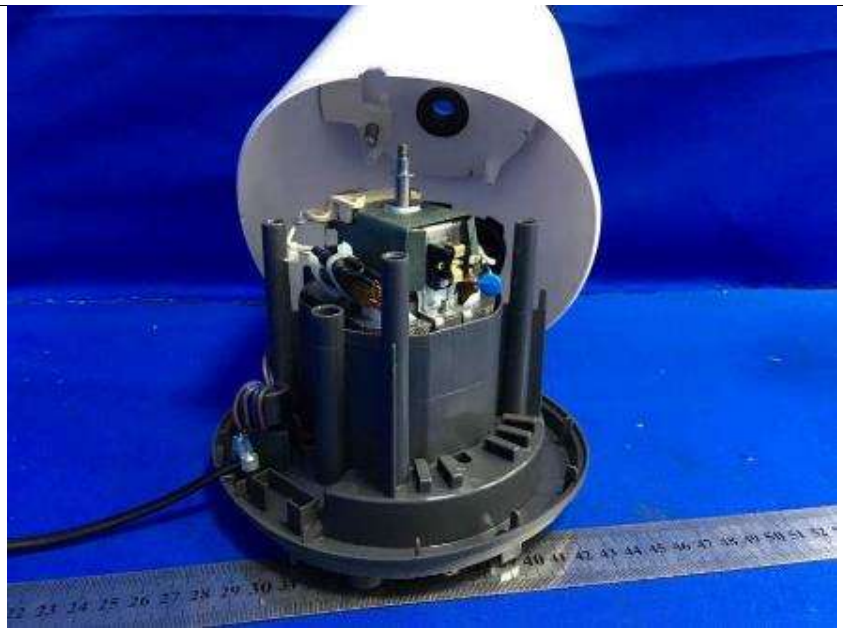
Details of: Over view BL9000-GS

Details of: Over view BL9000-GS

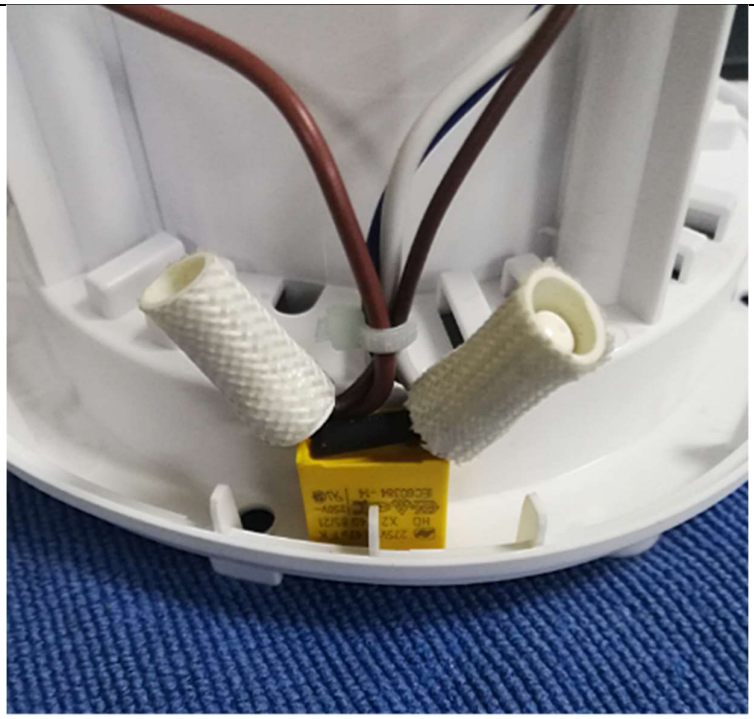
Details of: Blades BL9000-GS-80-01



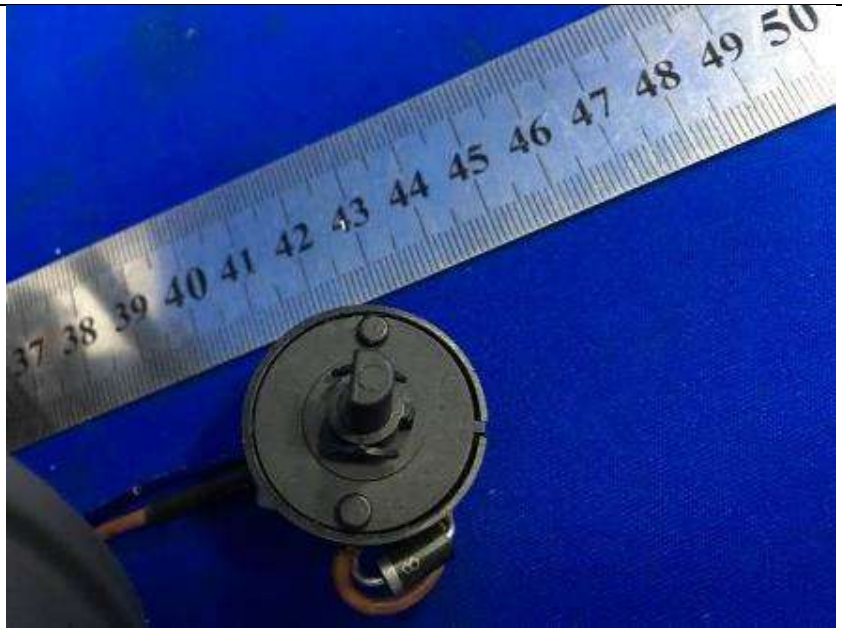
Details of: Inner view



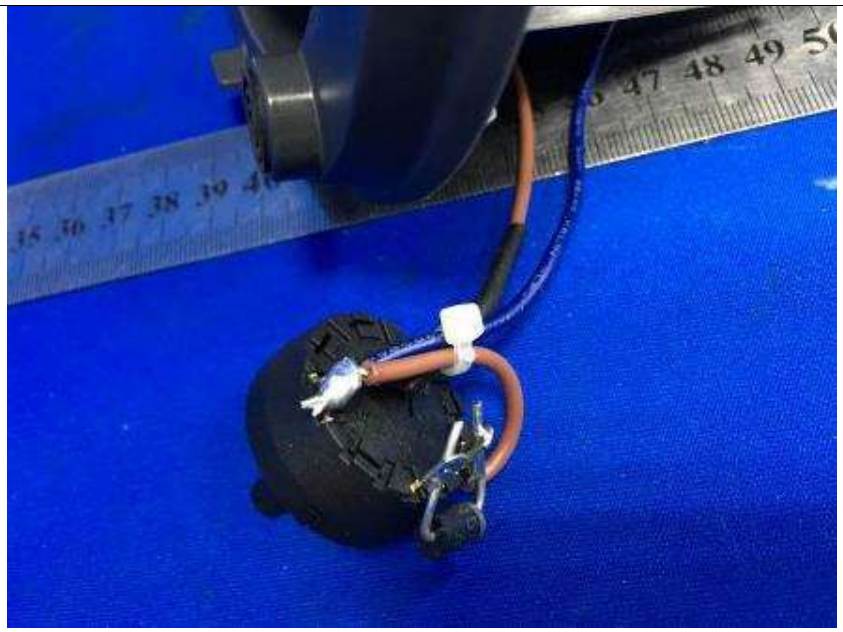
Details of: X capacitor



Details of: Switch AK-09 (P/0/1/2)



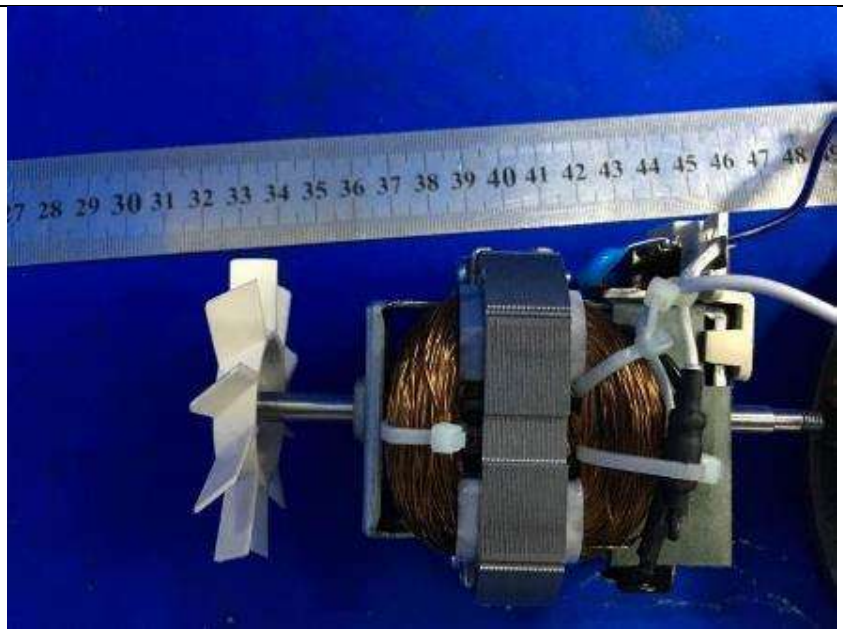
Details of: Switch AK-09
(not for BL9000C-GS, BL9000D-GS, BL9702AB-GS, BL9702A-GS, BL9703D-GS, BL9000DE-GS)



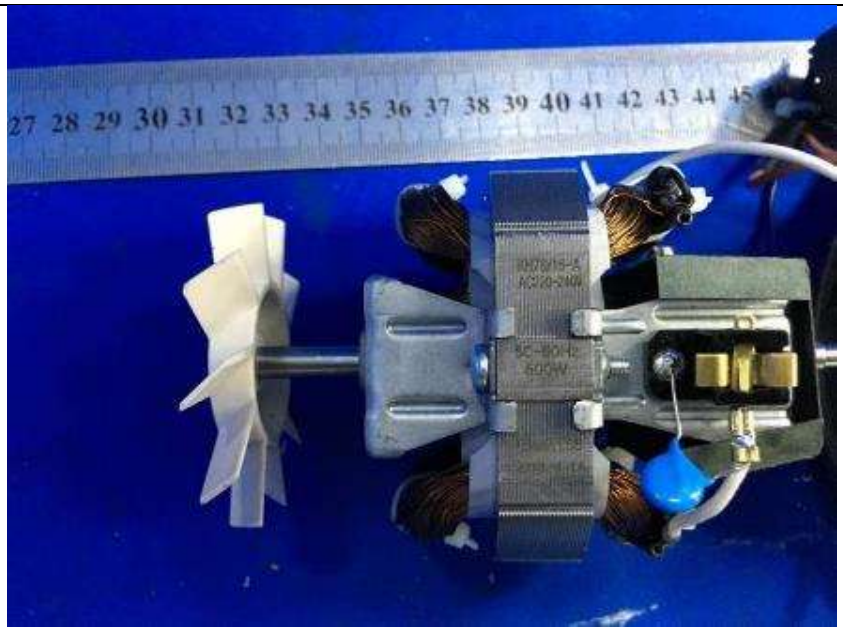
Details of: Inner view

Details of: Inner view

Details of: Motor KH76/15-A



Details of: Motor KH76/15-A



Details of: Rotor of motor KH76/15-A

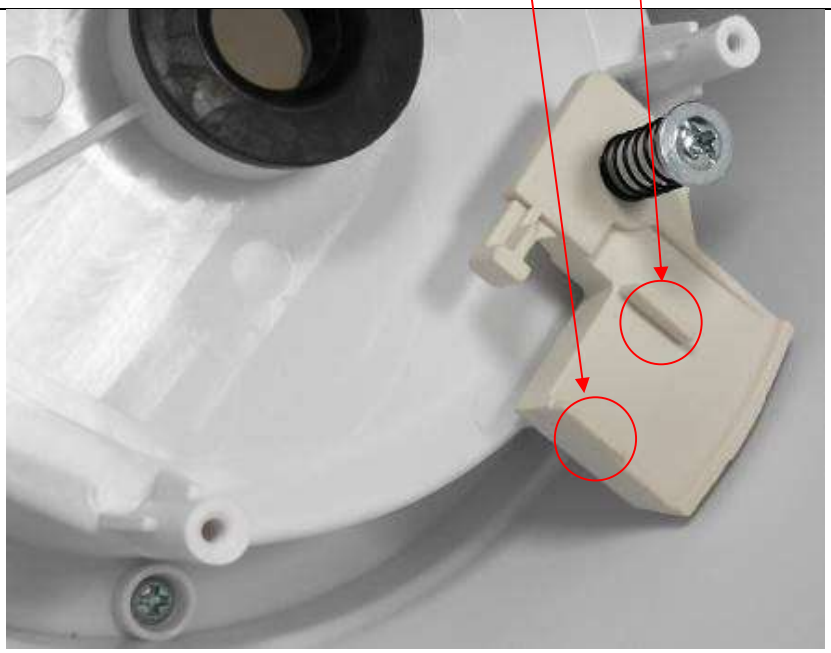
Details of: BL9000D-GS, BL9000DE-GS

Details of: 1.5L plastic cup

Details of: BL9000A-GS

Details of: Switch marking

Details of: Alternative Switch level for all models (adding two triggers)



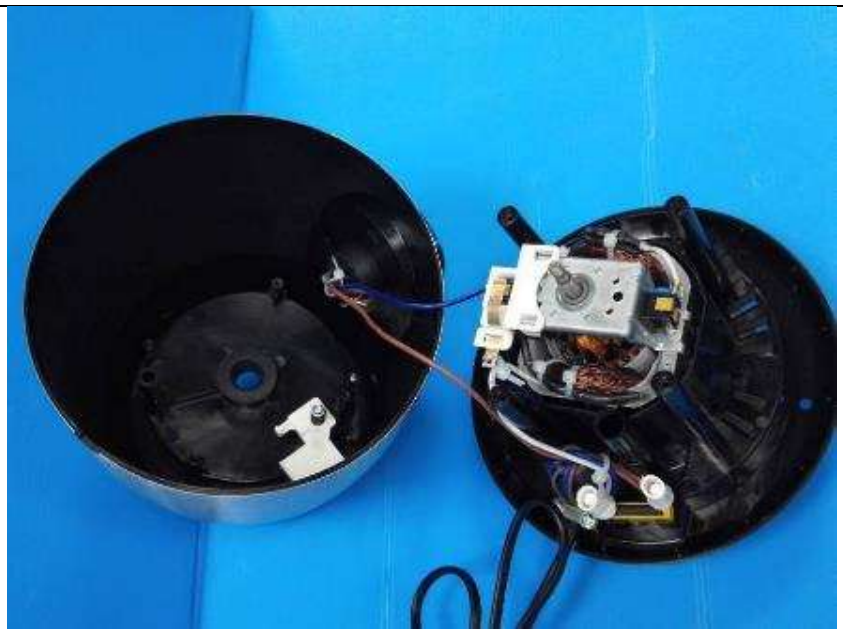
Details of: Alternative construction for rings 1 of cup

Details of: Alternative construction for rings 2 of cup

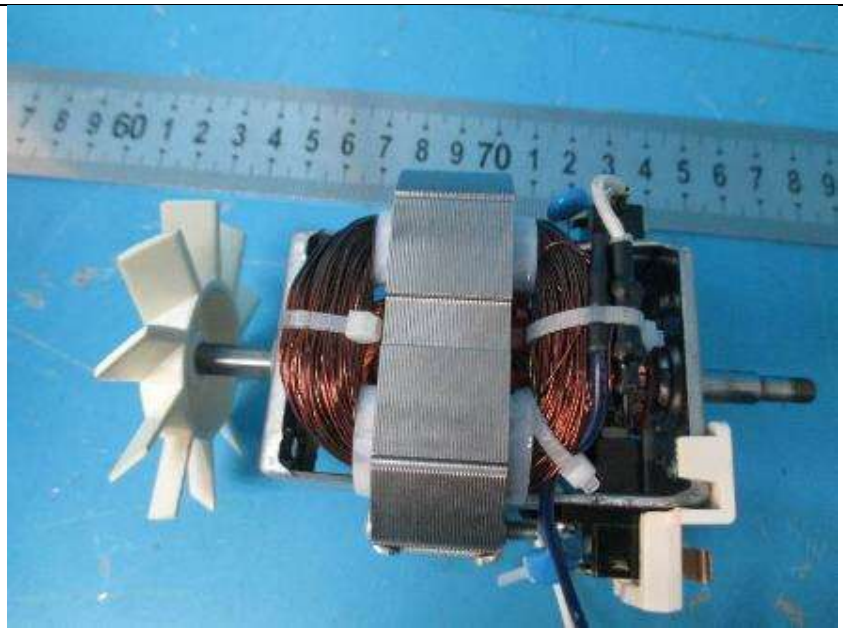
Details of: Over view BL9702-GS and BL9702D-GS,

Details of: Over view

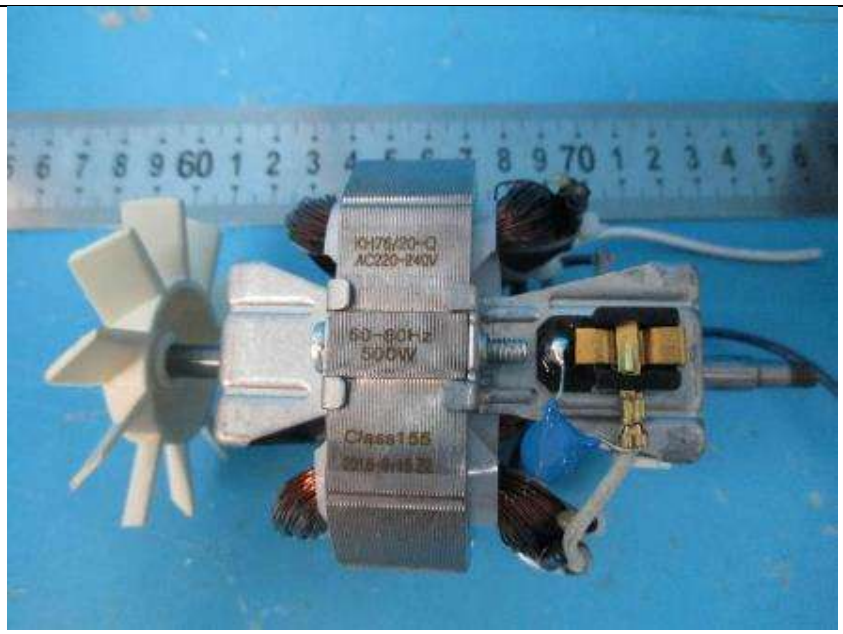
Details of: Inner view



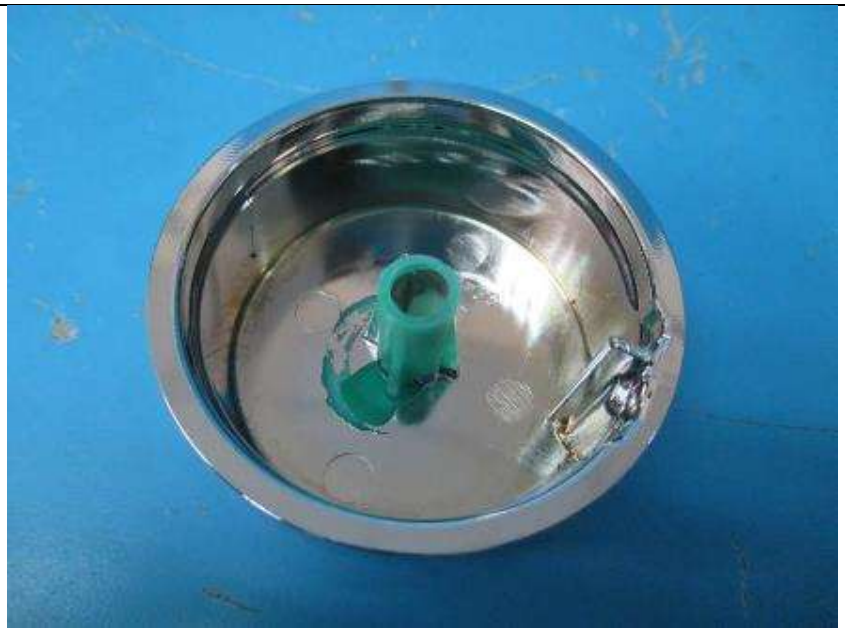
Details of: Motor KH76/20-Q



Details of: Motor KH76/20-Q



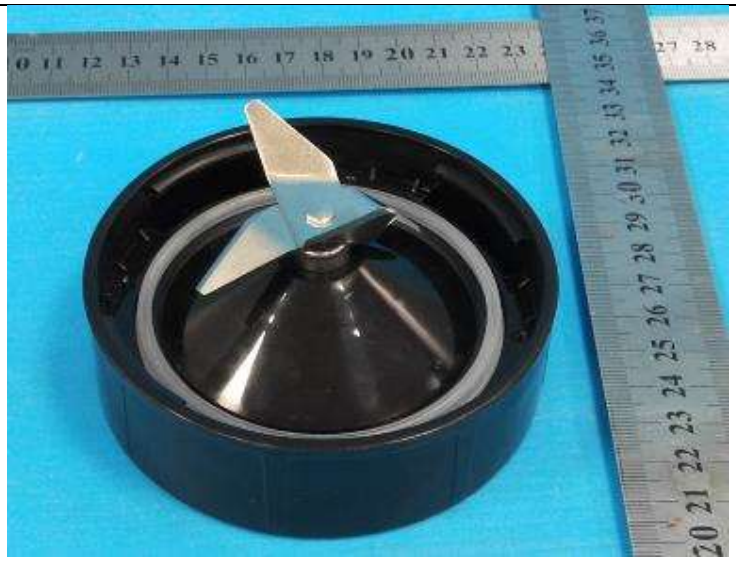
Details of: Knob



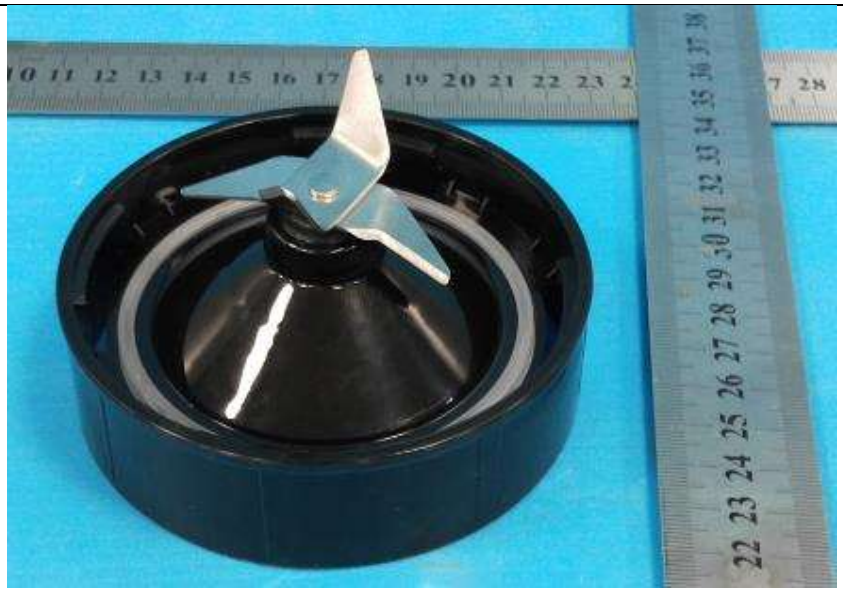
Details of: Alternative Jar level for glass cup (Wider than before)

Details of: Alternative glass cup base for BL9702D-GS (this cup base construction is applicable for all models accept BL9000-GS)

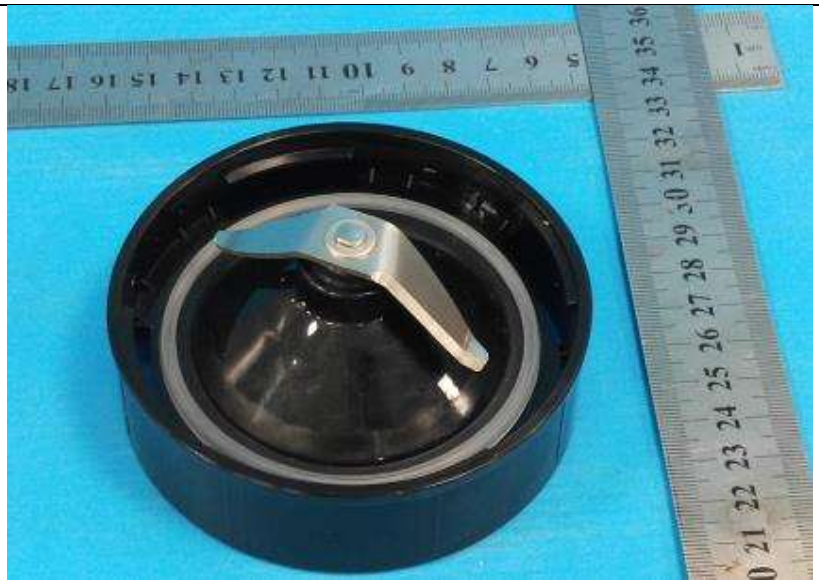
Details of: Alternative cup base construction is applicable for all models accept BL9000-GS (straight body)



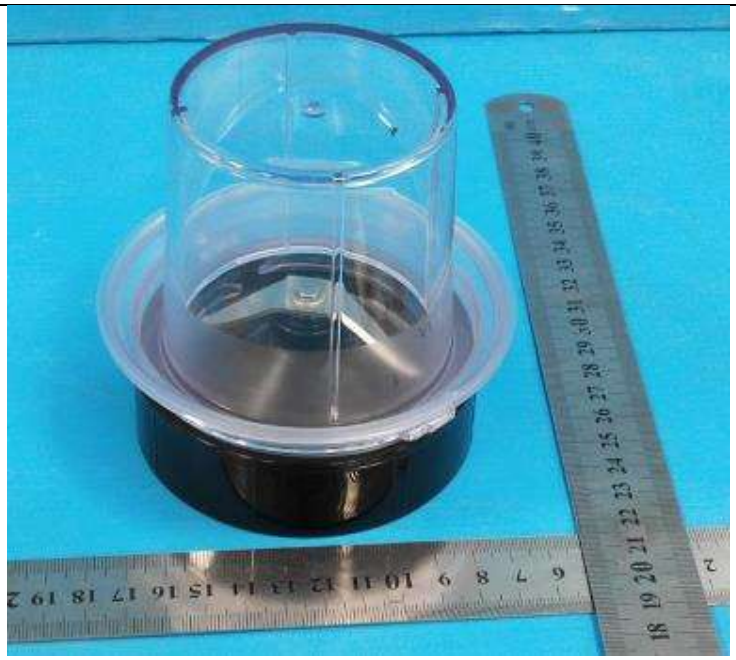
Details of: Alternative cup base construction is applicable for all models accept BL9000-GS (straight body and inner shaft seal ring)



Details of: Alternative cup base construction is applicable grinder accessories for all models (straight body and inner shaft seal ring)



Details of: Alternative cup base construction is applicable grinder accessories for all models (straight body and inner shaft seal ring)



Details of: BL9000E-GS

Details of: BL9000E-GS with grinder accessories

Details of: grinder accessories

Details of: BL9000B-GS

Details of: 1.5L glass containers

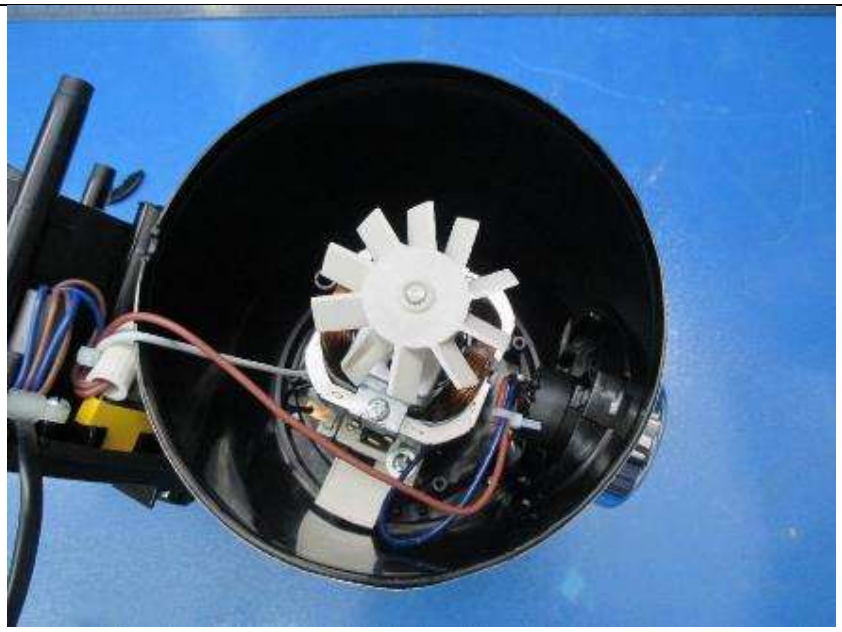
Details of: BL9000F-GS

Details of: Control panel

Details of: Switch

Details of: BL9703-GS and BL9703H-GS, BL9703BB-GS, BL9703N-GS

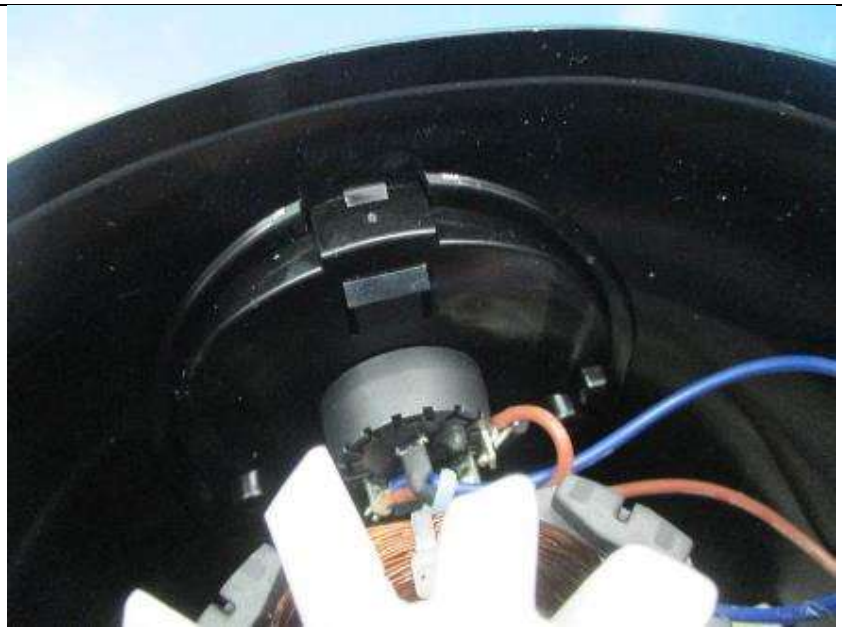
Details of: Inner view



Details of: BL9703A-GS and BL9703AE-GS

Details of: Control panel

Details of: Switch

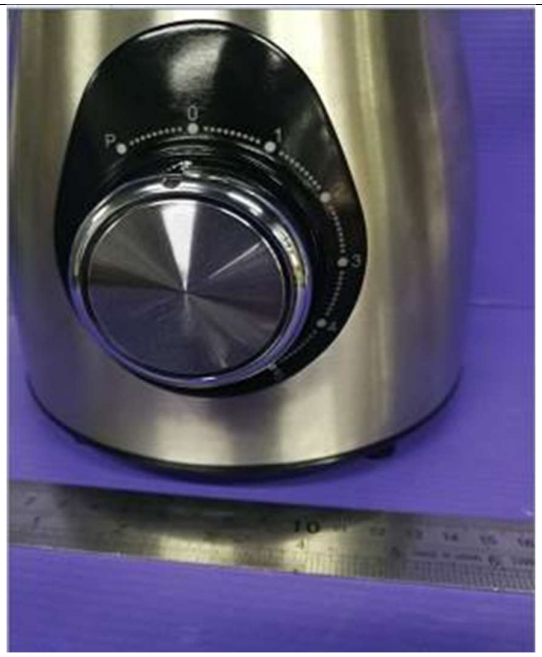


Details of: Control panel inner view

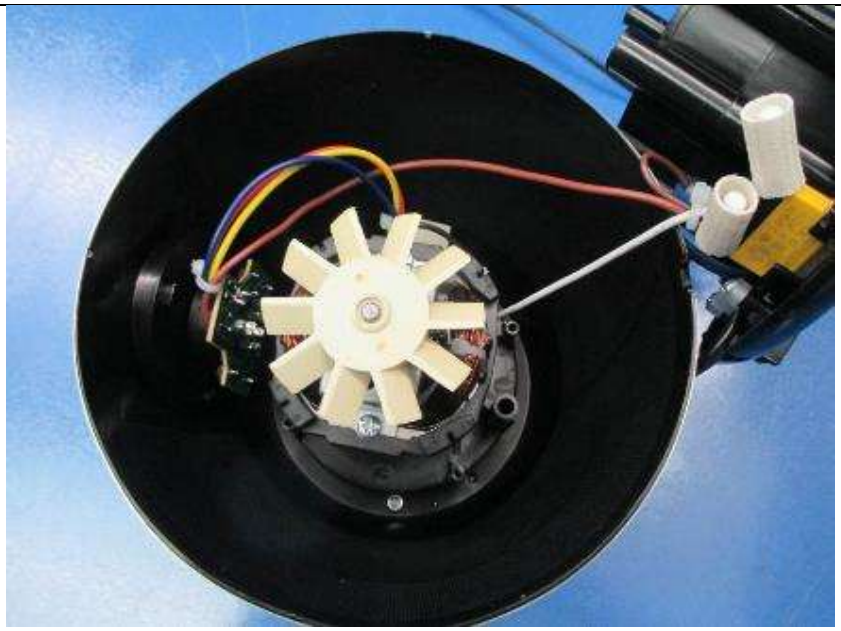
Details of: Decorative ring of knob

Details of: BL9702A-GS

Details of: Control panel



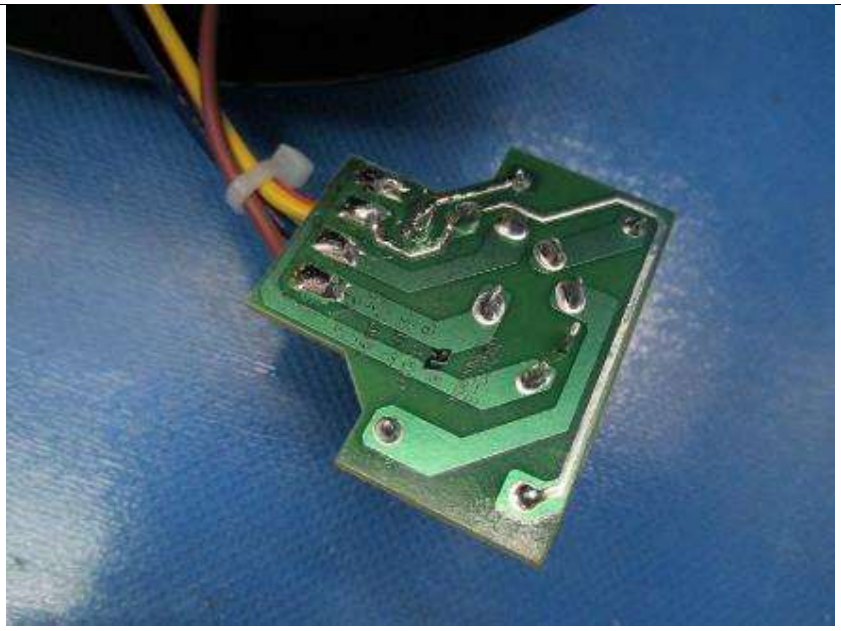
Details of: Inner View



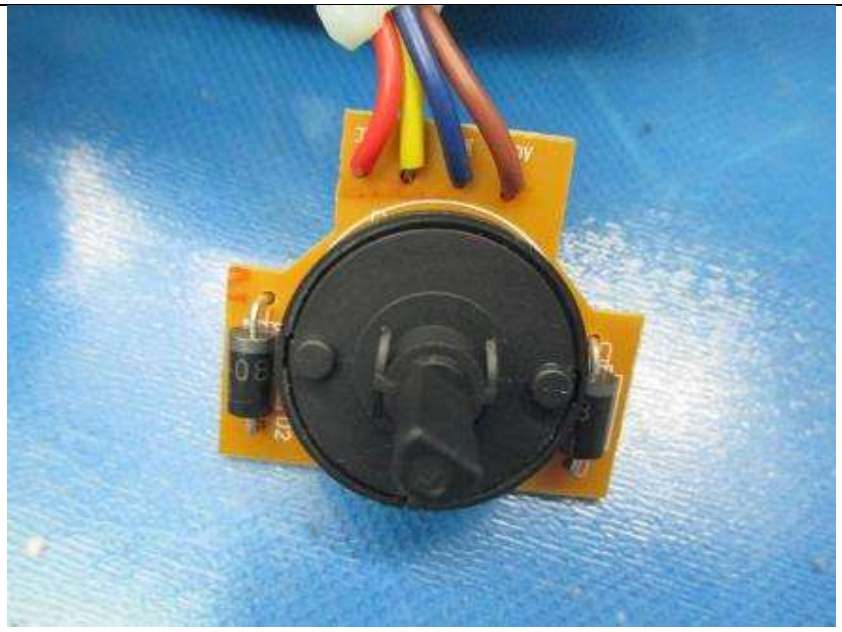
Details of: Knob and decorative ring of knob

Details of: Inner view of control panel

Details of: Switch PCB



Details of: Switch PCB

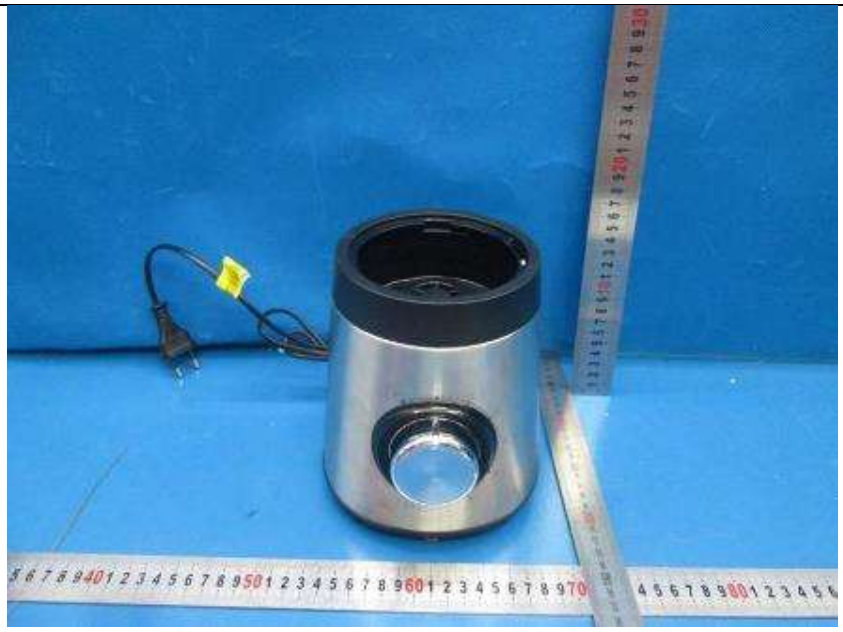


Details of: BL9702AB-GS

Details of: Alternative location of X capacitor

Details of: BL9703D-GS

Details of: BL9703D-GS



Details of: Plug

Details of: Cord

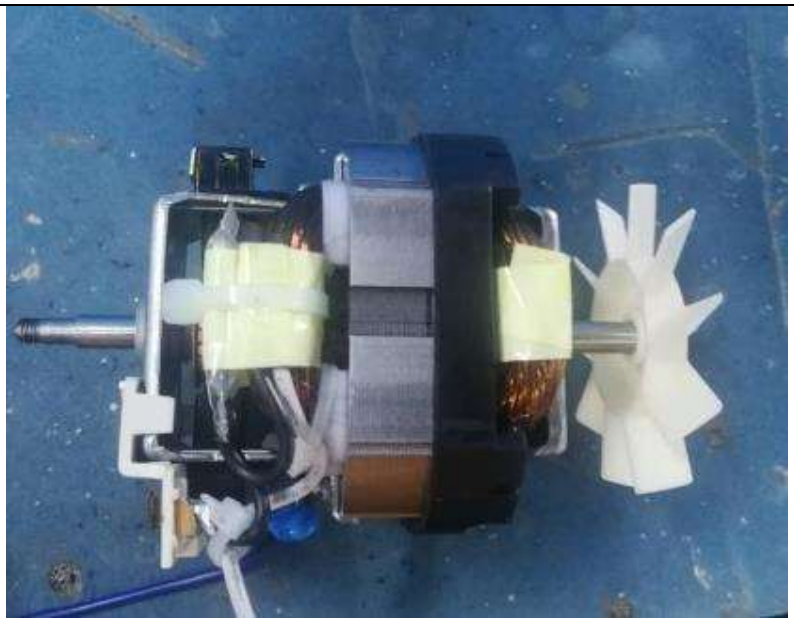
Details of: BL9703-CE

Details of: BL9000BA-GS

Details of: Internal construction of BL9000BA-GS

Details of: Internal construction of BL9000BA-GS

Details of: Motor KH76/20-Q with motor thermal protector



Details of: Motor thermal protector for Motor KH76/20-Q (Only for BL9703-CE and BL9000BA-GS)

Details of: Motor thermal protector for Motor KH76/20-Q (Only for BL9703-CE and BL9000BA-GS)

Details of: BL9002A-GS

Details of: BL9002AB-GS

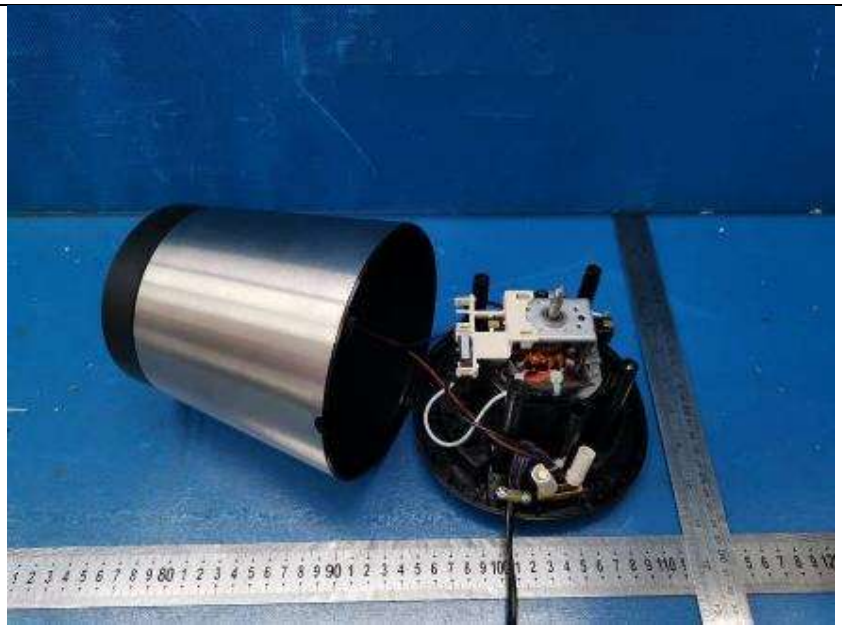
Details of: BL9002C-GS

Details of: BL9703AK-GS

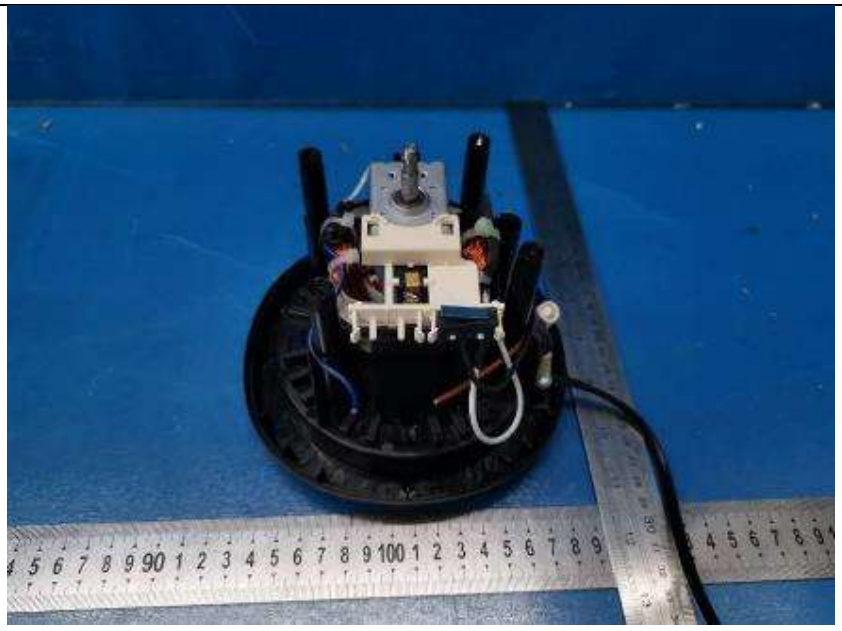
Details of: BL9703AD-CB

Details of: BL9703AD-CB

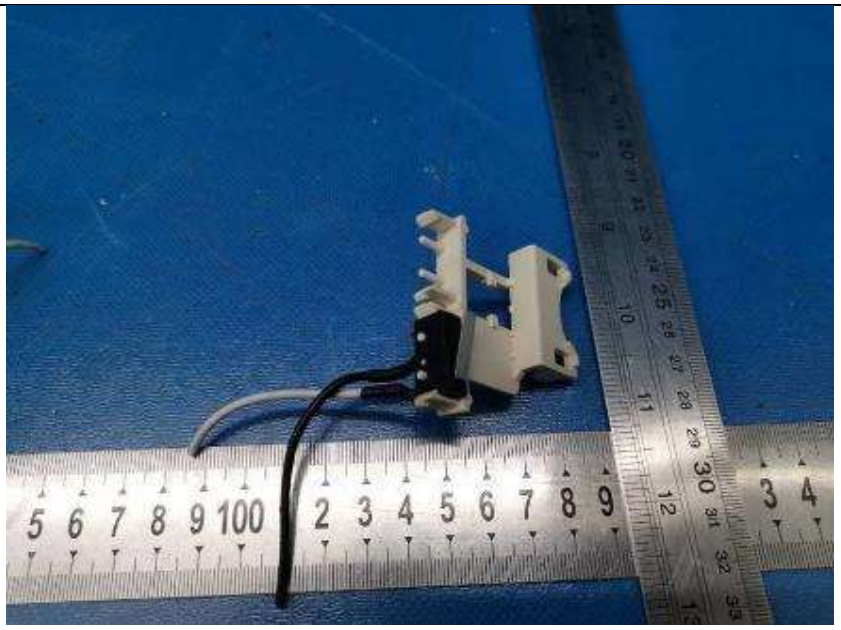
Details of: Internal construction of BL9703AD-CB



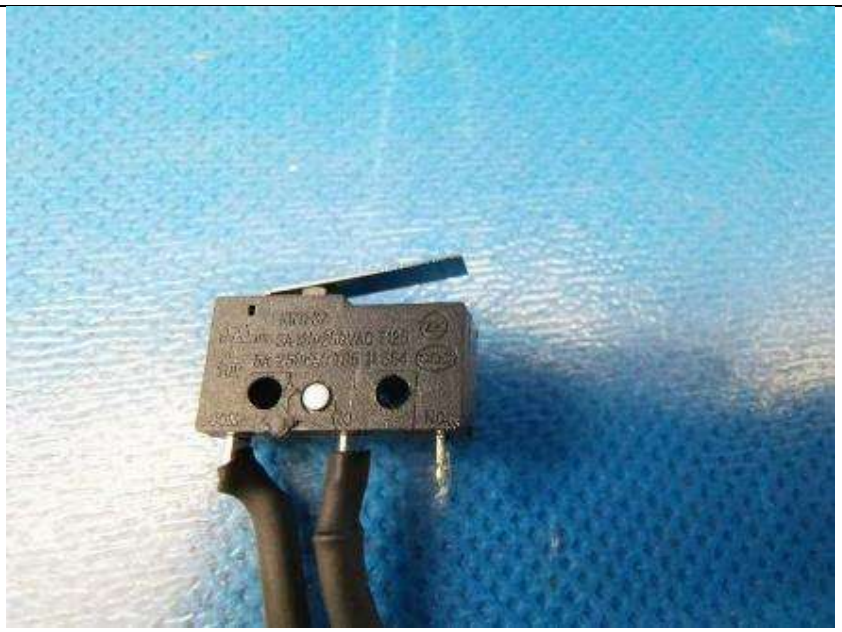
Details of: Internal construction of BL9703AD-CB (this interlock switch construction is applicable for all models)



Details of: Interlock switch construction (this interlock switch construction is applicable for all models)



Details of: Interlock switch for all models



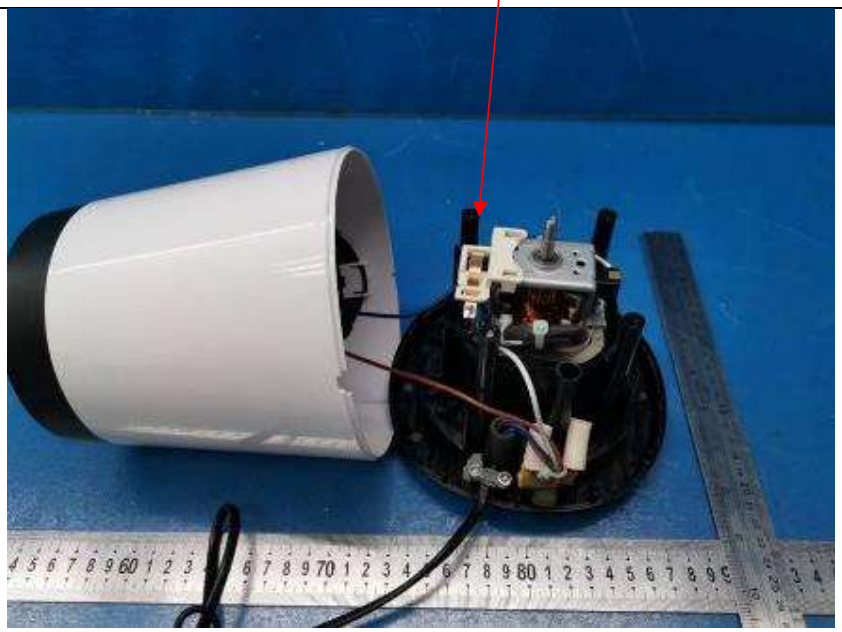
Details of: BL9703BA-GS

Details of: BL9703BA-GS

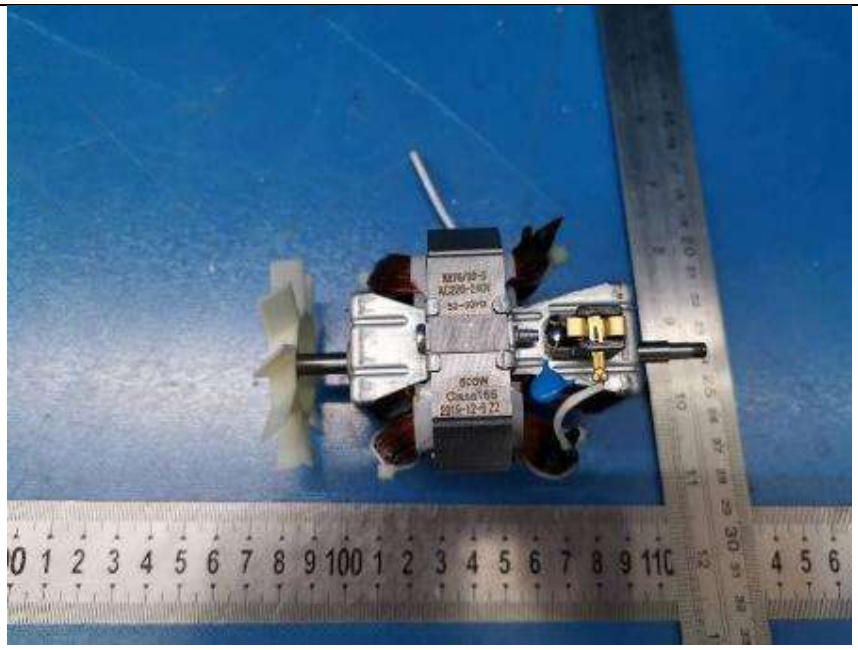
Details of: BL9000AB-CB

Details of: Grinder accessory

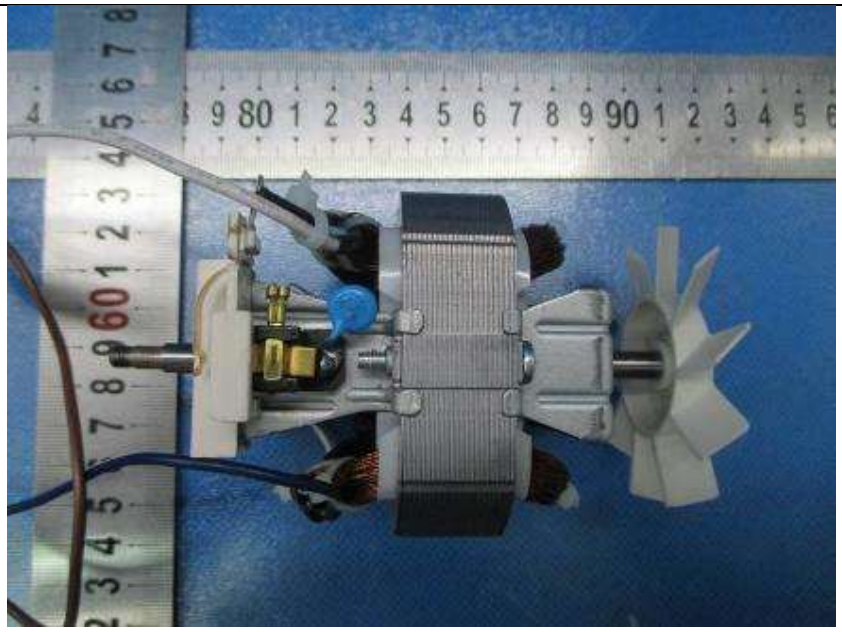
Details of: Internal construction of BL9000AB-CB (this interlock switch construction also used for BL9703BA-GS and BL9703AD-CB)



Details of: Motor KH76/20-S (for BL9000AB-CB, BL9703BA-GS, BL9703AD-CB)

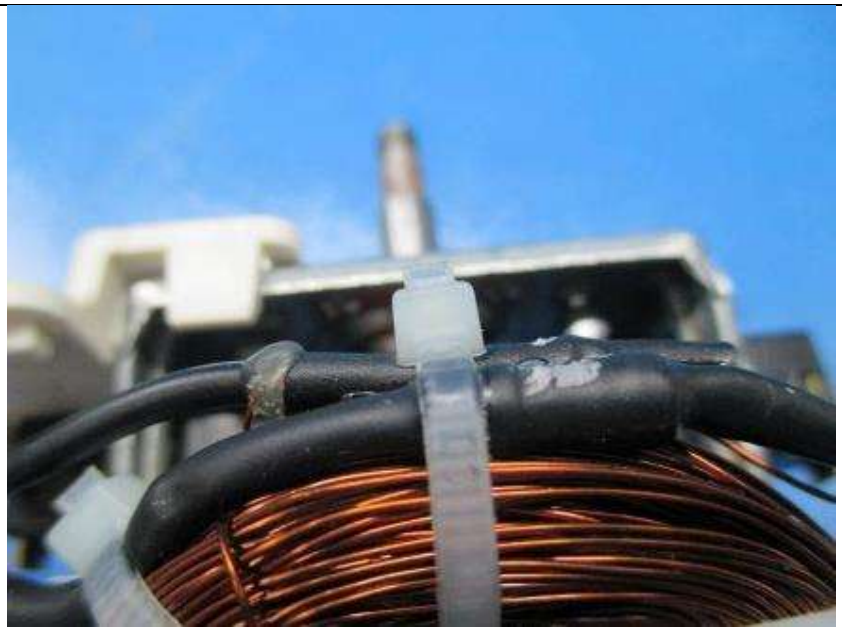


Details of: Motor KH76/20-S



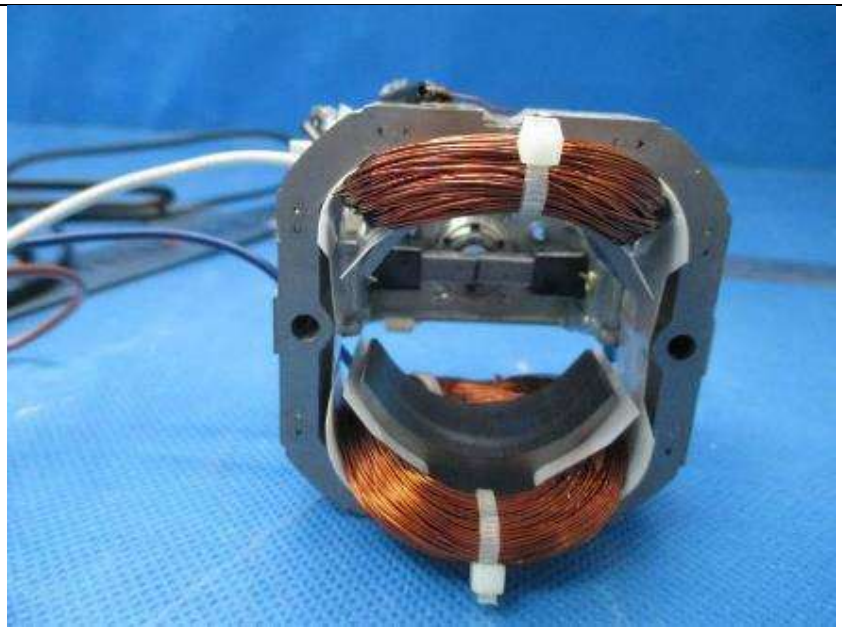
Details of: Y capacitor of motor

Details of: Current fuse of motor

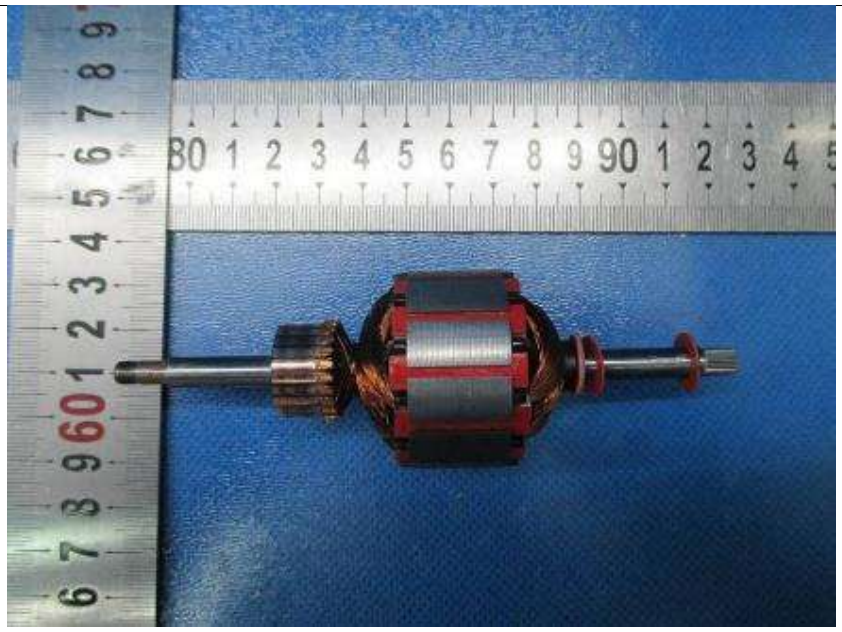


Details of: Current fuse of motor

Details of: Stator of motor KH76/20-S



Details of: Rotor of motor KH76/20-S



Details of: Over view BL9000BC-GS

Details of: Over view BL9000BC-GS

Details of: Over view BL9002AC-GS and BL9002AD-GS, BL9002AE-GS (BL9002AD-GS, BL9002AE-GS without the grinder accessory)

Details of: The blender blade of BL9703BB-GS

Details of: Alternative appearance for BL9703A-GS and BL9703A-CB

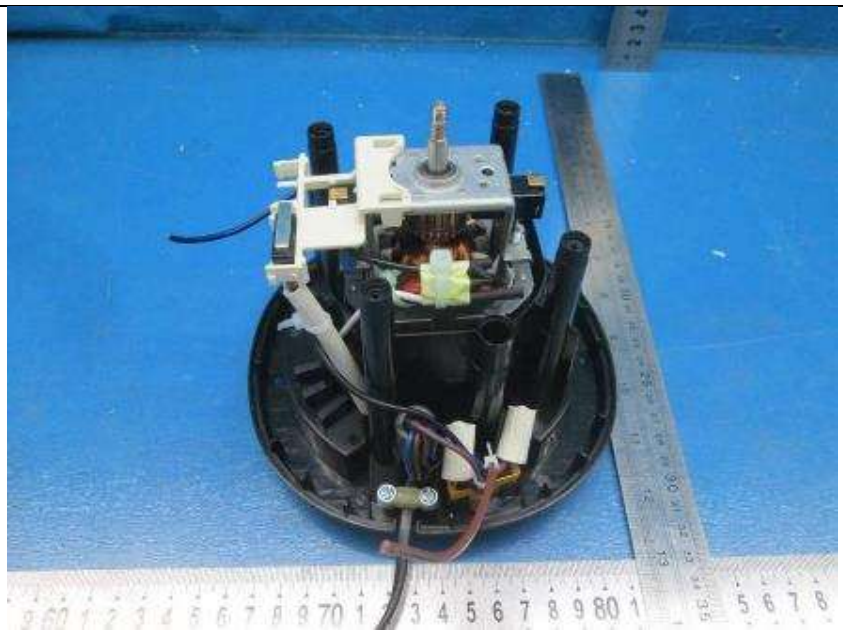
Details of: Alternative appearance for BL9703A-GS and BL9703A-CB

Details of: BL9703BC-CE

Details of: BL9703BC-CE

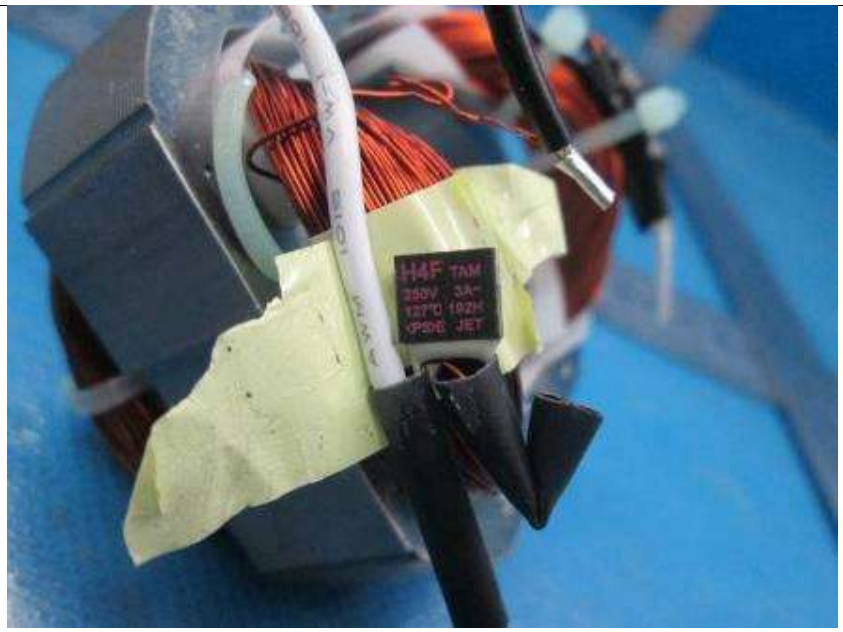
Details of: Internal construction of BL9703BC-CE

Details of: Internal construction of BL9703BC-CE



Details of: Motor KH76/20-S

Details of: Thermal fuse in motor KH76/20-S



Details of: BL9006A-GS

Details of: BL9006A-GS

Details of: BL9006A-GS

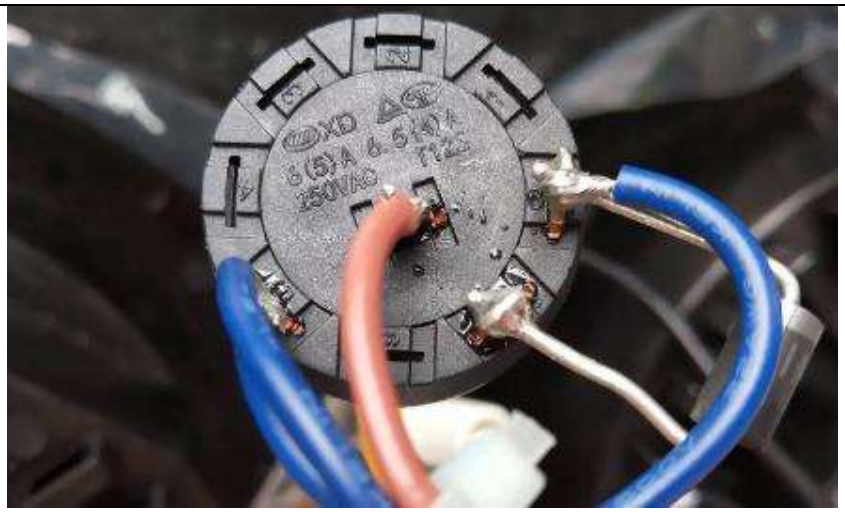
Details of: Knob of BL9006A-GS

Details of: BL9006-GS

Details of: BL9006-GS

Details of: Knob of BL9006-GS

Details of: Alternative speed switch XD (P/0/1/2) (not for BL9000C-GS, BL9000D-GS, BL9702AB-GS, BL9702A-GS, BL9703D-GS, BL9000DE-GS)



Details of: Alternative speed switch XD (P/0/1/2) (not for BL9000C-GS, BL9000D-GS, BL9702AB-GS, BL9702A-GS, BL9703D-GS, BL9000DE-GS)

Details of: Speed switch XD (P/0/1/2) for BL9006-GS, BL9006A-GS

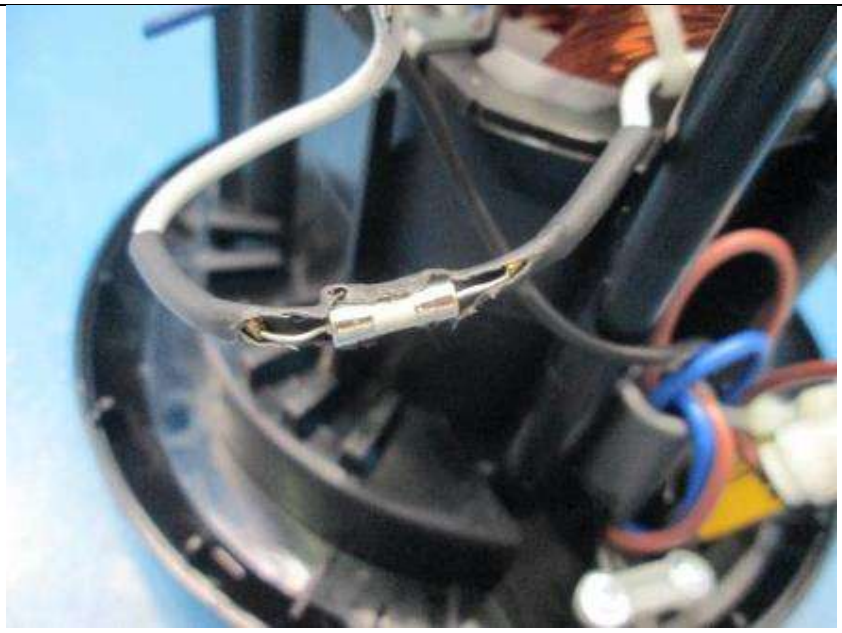
Details of: BL9702I-GS, BL9702P-GS and BL9702IA-CE

Details of: BL9702I-GS, BL9702P-GS and BL9702IA-CE

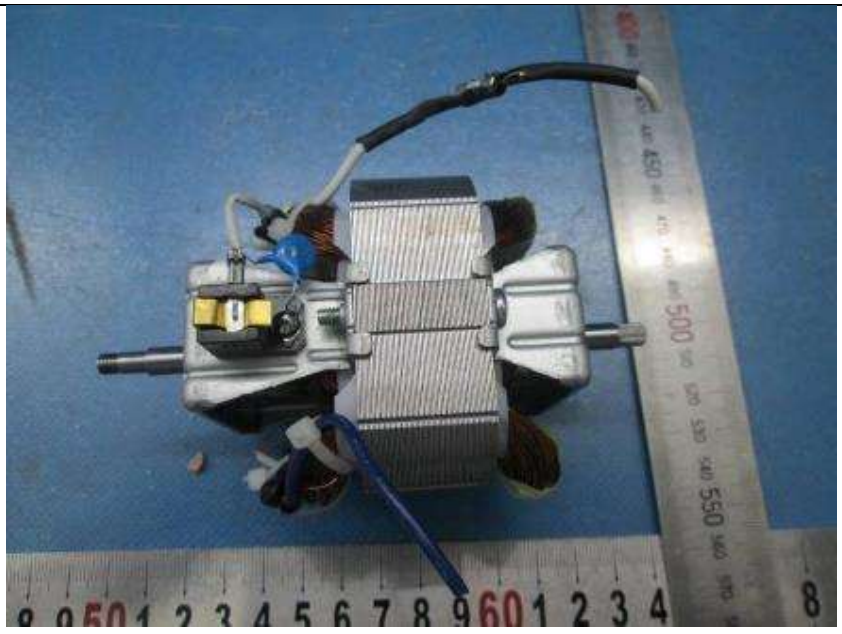
Details of: Knob of BL9702I-GS, BL9702P-GS and BL9702IA-CE

Details of: Inner view of BL9702I-GS and BL9702P-GS

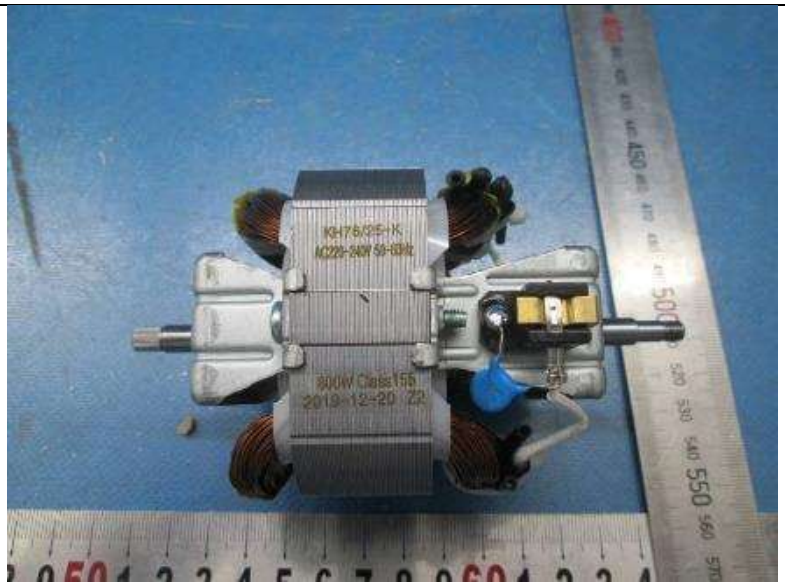
Details of: Current fuse for motor KH76/25-K(for model BL9702I-GS, BL9002AE-GS, BL9703AE-GS and BL9702P-GS, BL9703N-GS, BL9702IA-CE)



Details of: Motor KH76/25-K (for model BL9702I-GS, BL9002AE-GS, BL9703AE-GS and BL9702P-GS, BL9703N-GS, BL9702IA-CE, BL9706C-GS)

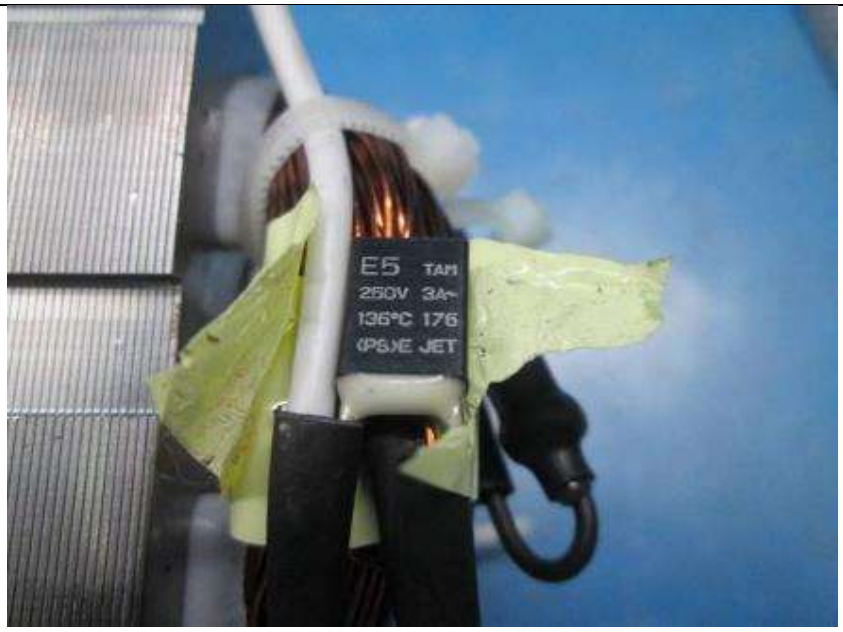


Details of: Motor KH76/25-K (for model BL9702I-GS, BL9002AE-GS, BL9703AE-GS and BL9702P-GS, BL9703N-GS, BL9702IA-CE, BL9706C-GS)

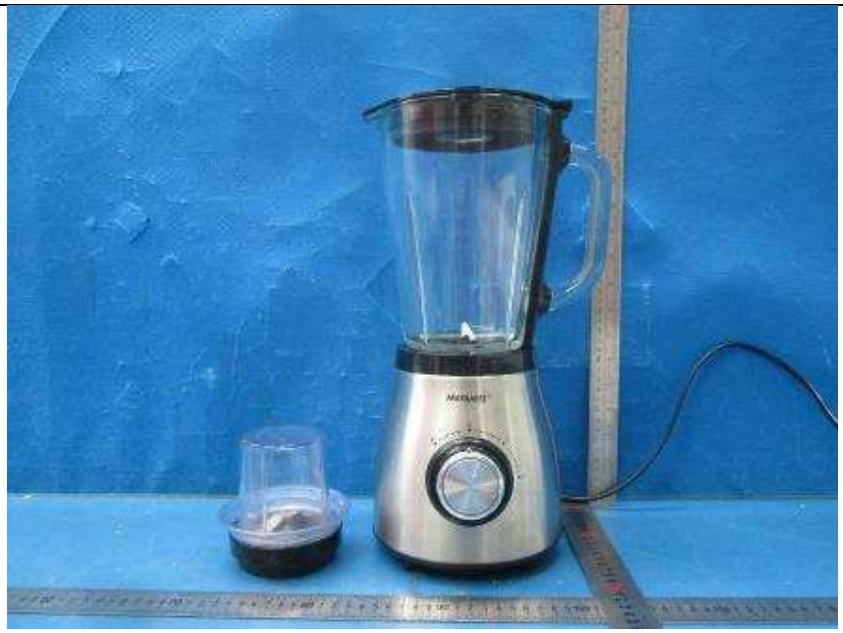


Details of: Internal construction of motor KH76/25-K (for model BL9702I-GS, BL9002AE-GS, BL9703AE-GS and BL9702P-GS, BL9703N-GS, BL9702IA-CE, BL9706C-GS, BL9706C-GS)

Details of: Thermal fuse for motor KH76/25-K



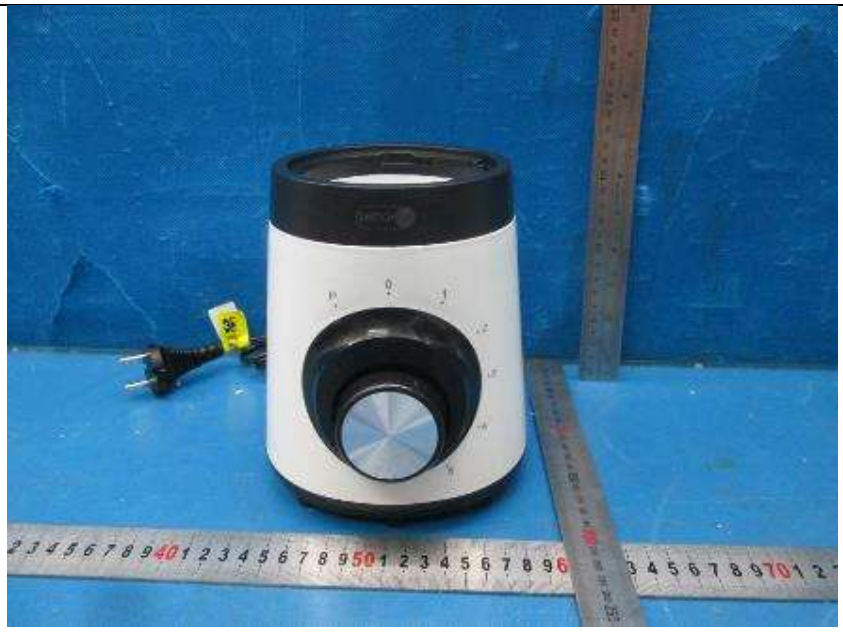
Details of: BL9702IA-CE



Details of: BL9000FA-GS

Details of: BL9000FA-GS

Details of: BL9000FA-GS

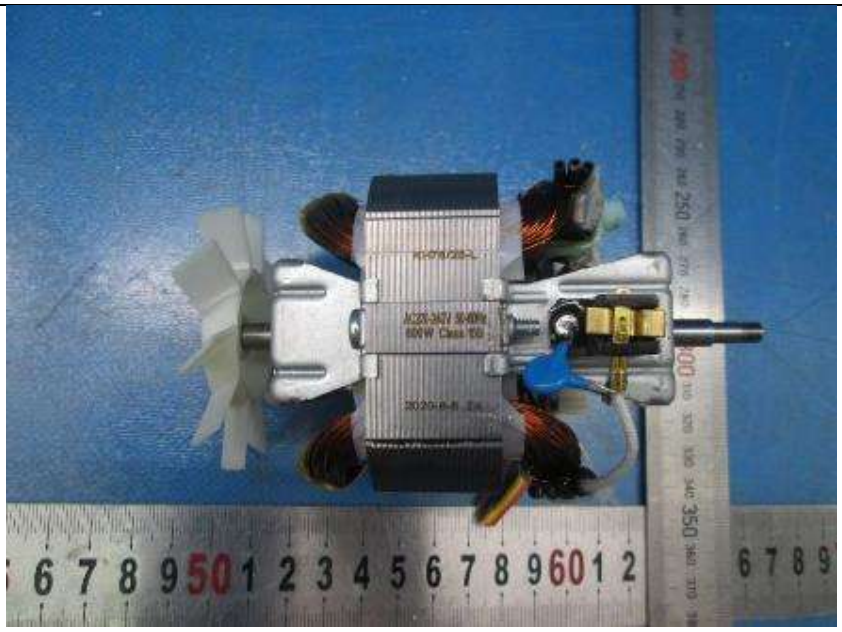


Details of: Cup of BL9000FA-GS

Details of: Blade of the cup of BL9000FA-GS

Details of: Internal construction of BL9000FA-GS

Details of: motor of BL9000FA-GS



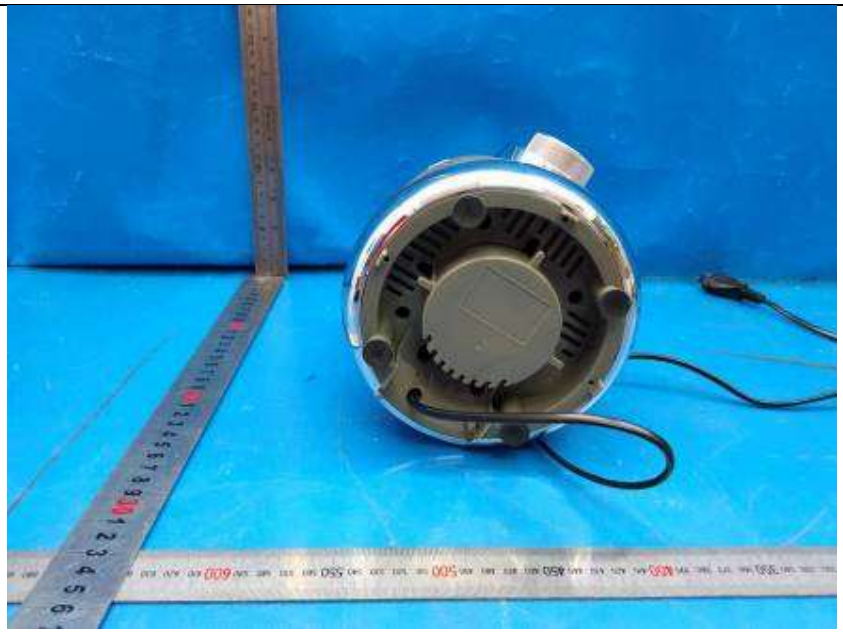
Details of: Motor protector

Details of: Over view(BL9003-GS)

Details of: Over view(BL9003-GS)

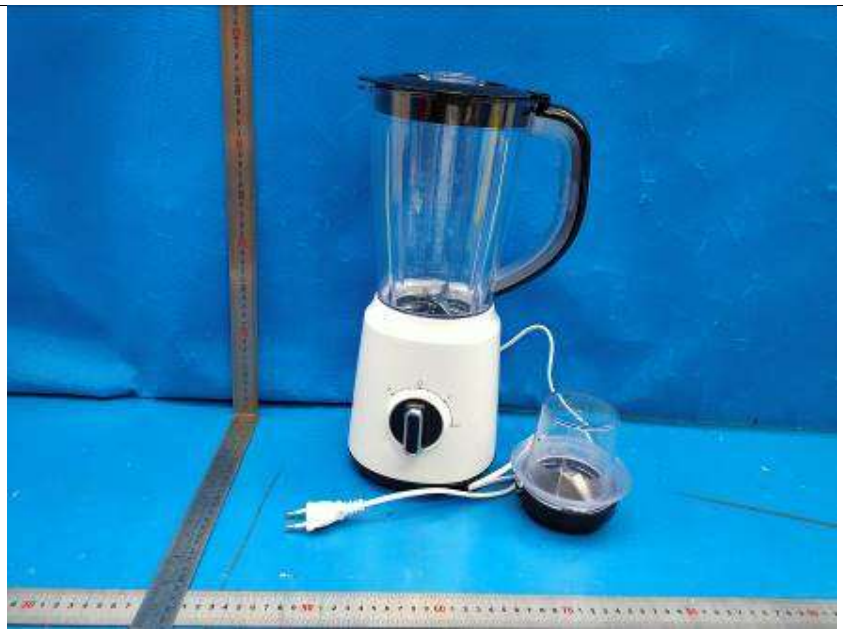
Details of: Over view(BL9003-GS)

Details of: Over view(BL9003-GS)



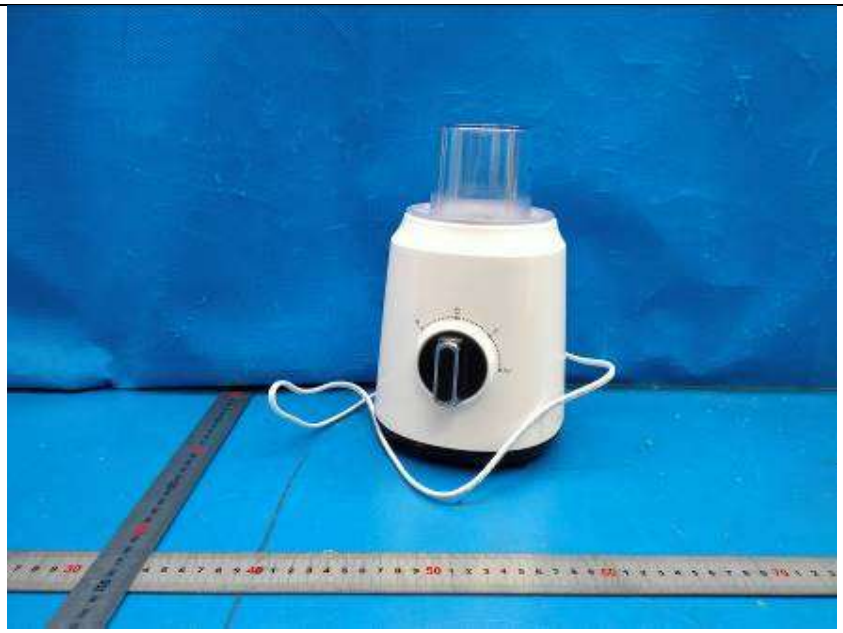
Details of: Over view(BL9006AC-GS)

Details of: Over view(BL9006AC-GS)

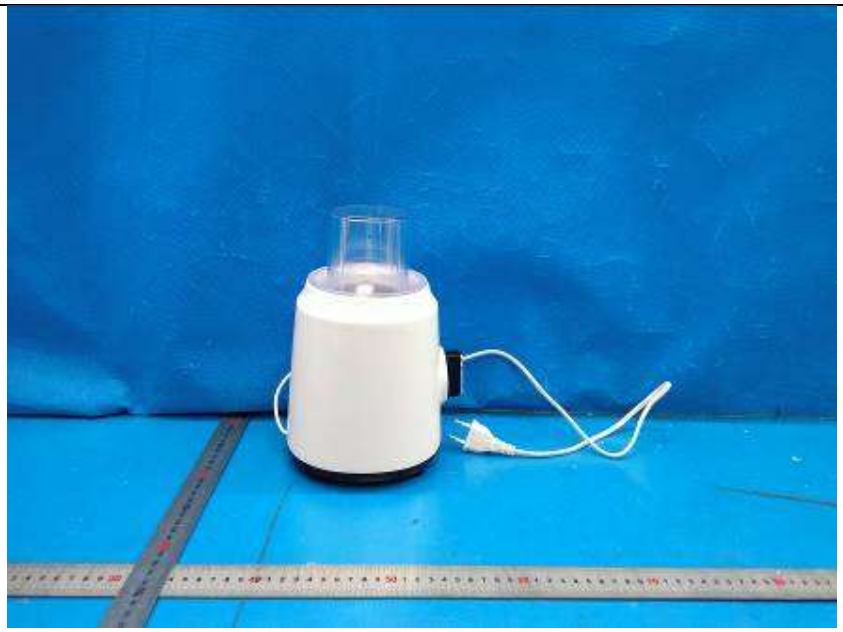


Details of: Over view(BL9006AC-GS)

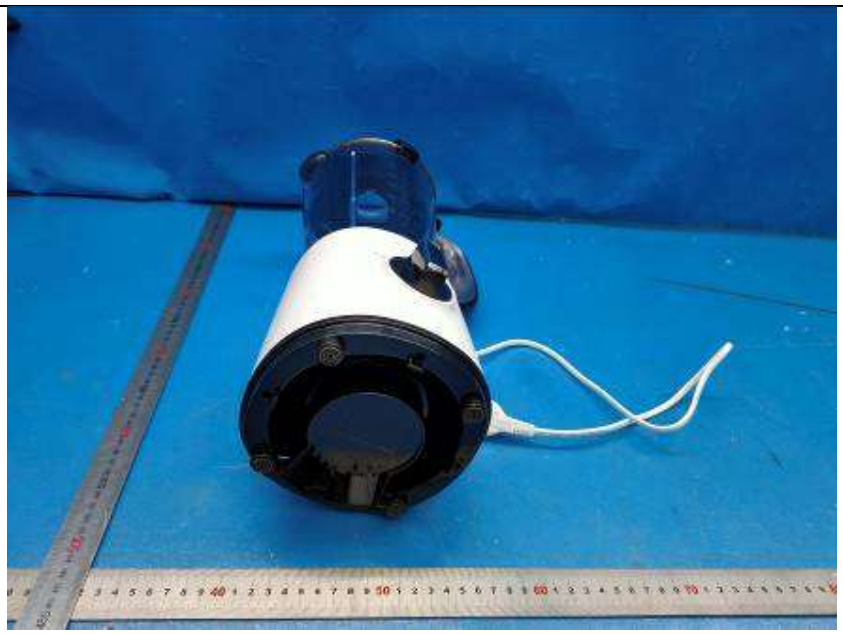
Details of: Over view(BL9006AC-GS))



Details of: Over view(BL9006AC-GS)

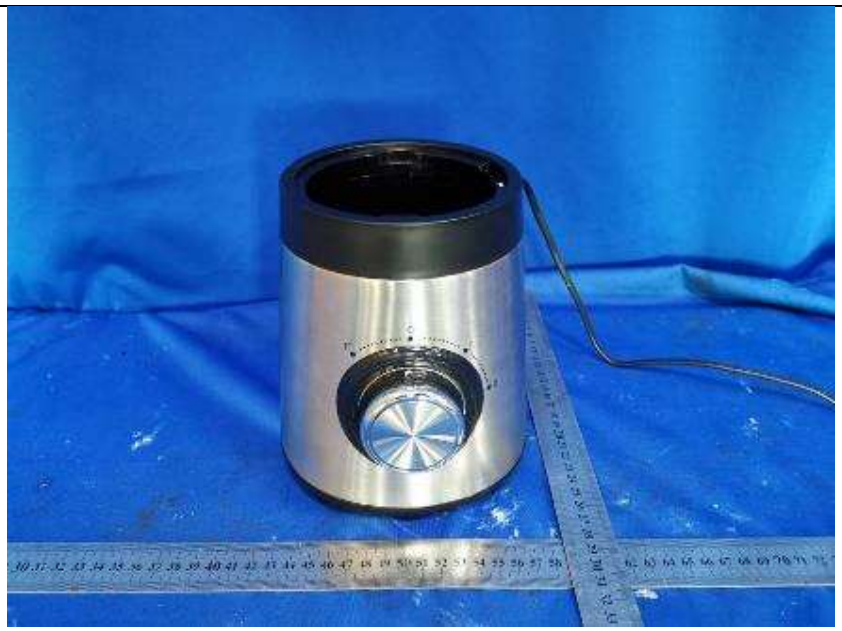


Details of: Over view(BL9006AC-GS)



Details of: Over view (BL9703R-CE)

Details of: Over view (BL9703R-CE)



Details of: Cup construction of BL9703R-CE

Details of: Over view (BL9702PA-GS)

Details of: Over view (BL9702PA-GS)

Details of: Cup construction of BL9702PA-GS

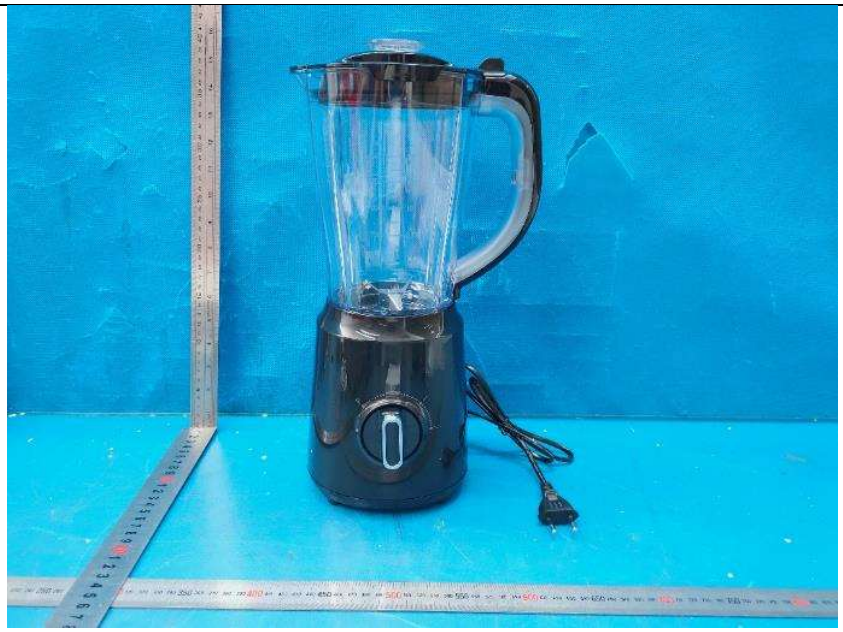
Details of: Over view (BL9002CA-GS)

Details of: Over view (BL9002CA-GS)

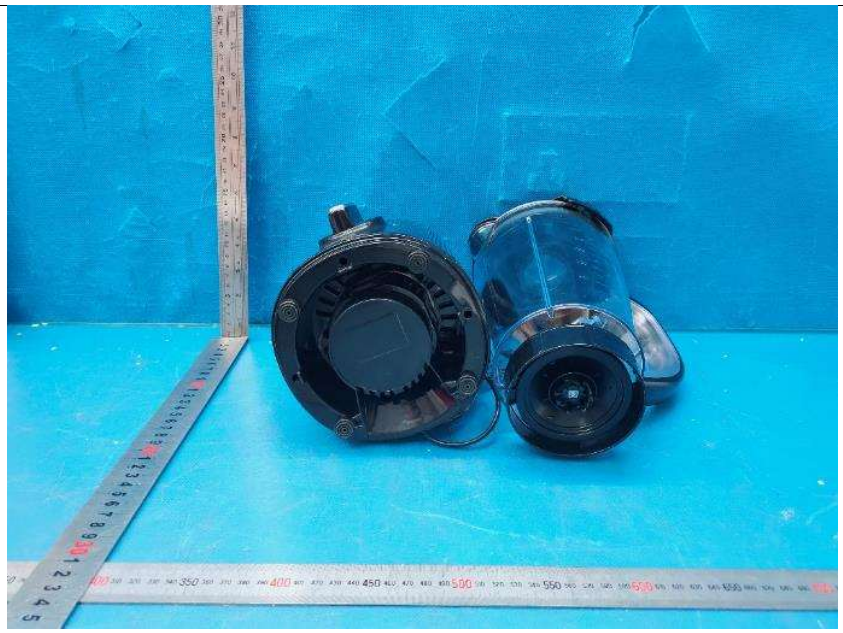
Details of: Over view (BL9002CA-GS)

Details of: Over view (BL9002CA-GS)

Details of: Over view (BL9006AD-GS)



Details of: Over view (BL9006AD-GS)



Details of: Over view (BL9006AD-GS)

Details of: Over view (BL9008-GS)

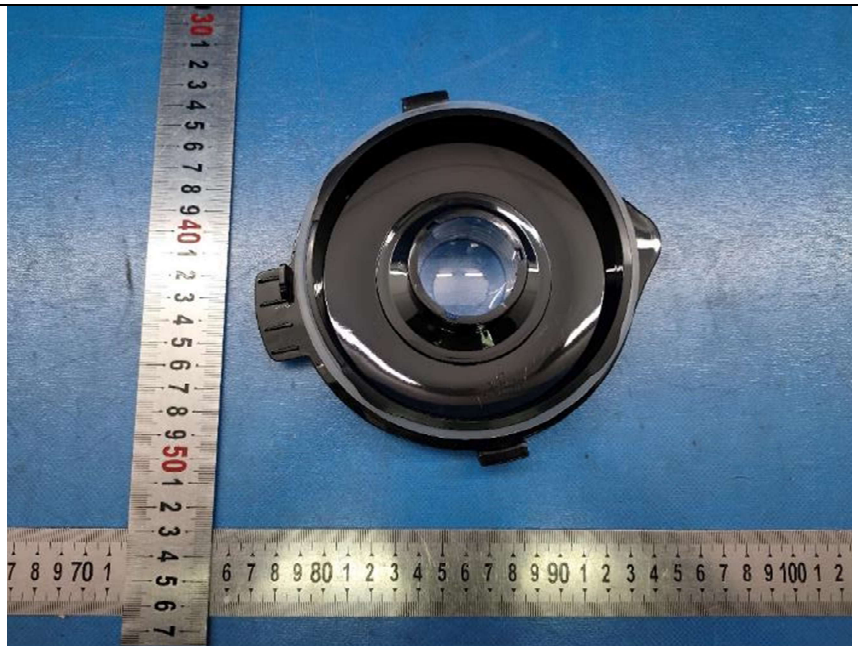
Details of: Over view (BL9008-GS)

Details of: Over view (BL9006AI-GS)

Details of: Over view (BL9006AI-GS)

Details of: Cup

Details of: Cup cover

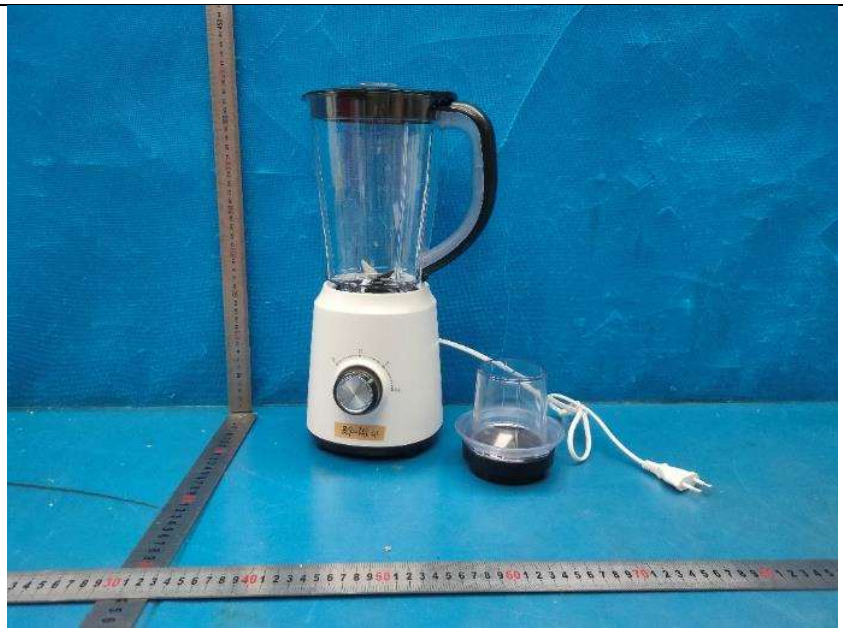


Details of: Over view (BL9702J-GS)

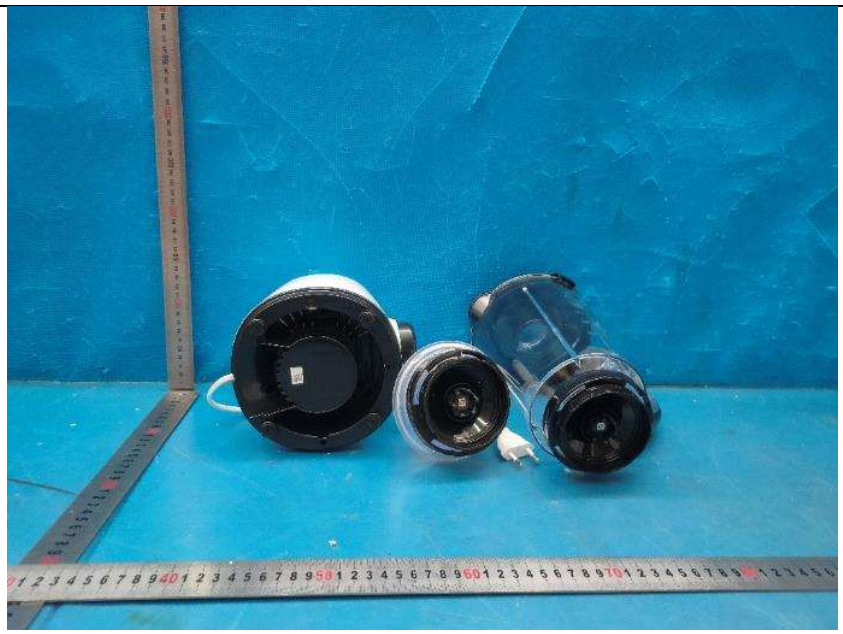
Details of: Over view (BL9706C-GS)

Details of: Alternative view for BL900C-GS

Details of: Over view (BL9006AL-GS)



Details of: Over view (BL9006AL-GS)



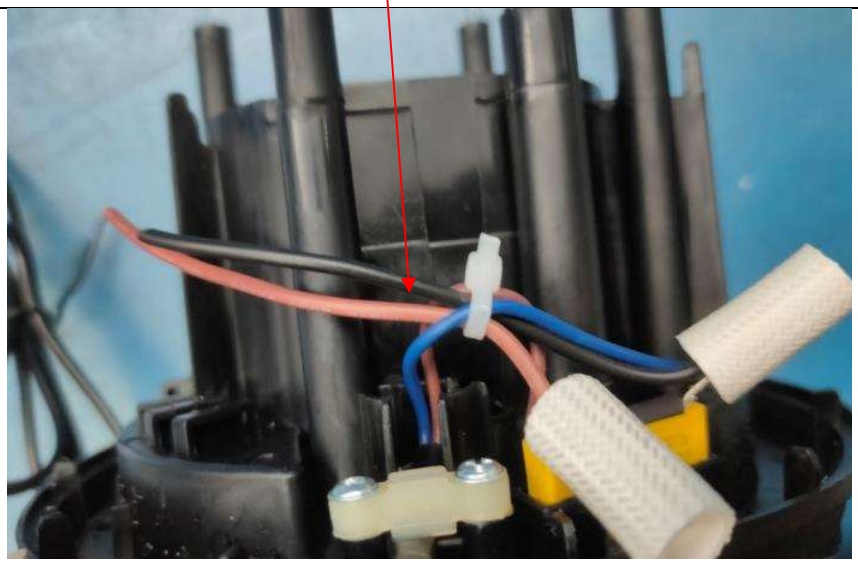
Details of: Over view (BL9703U-GS)

Details of: Over view (BL9703U-GS)

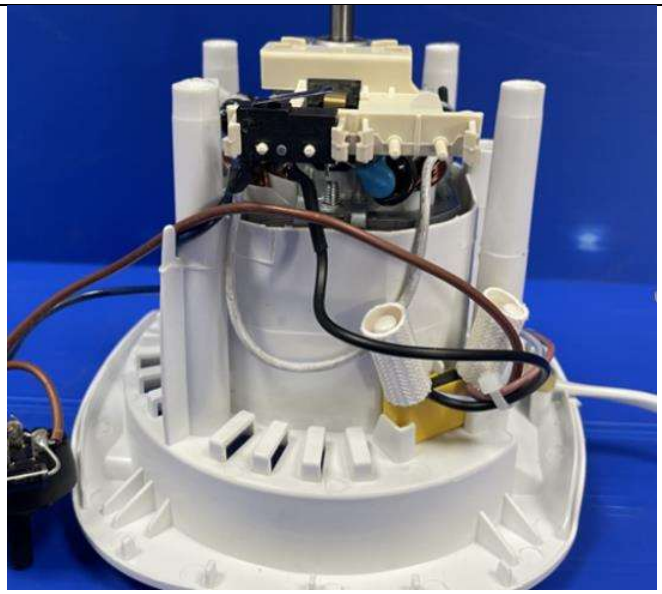
Details of: Over view (BL9703AF-GS)

Details of: Over view (BL9703AF-GS)

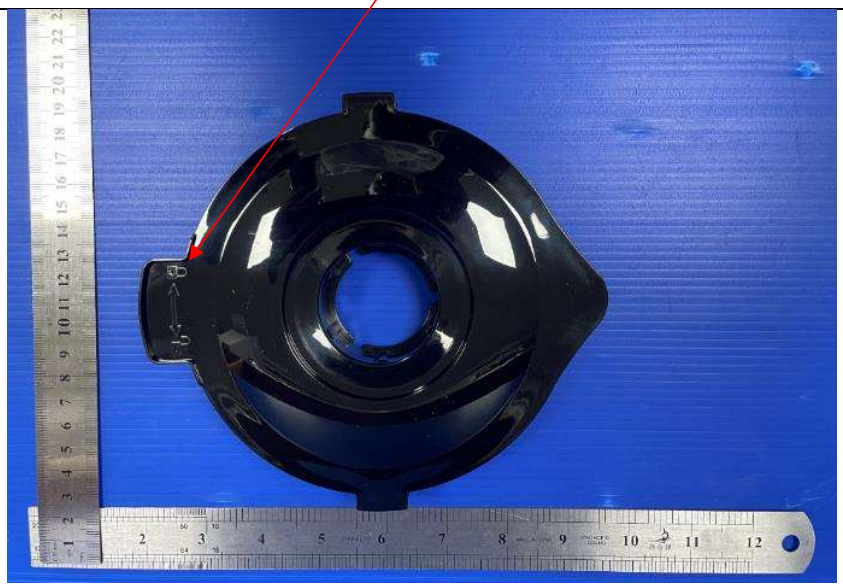
Details of: Alternative construction (cancel the magnet ring, this construction only applicable for the model with motor KH76/20-Q and KH76/20-S)



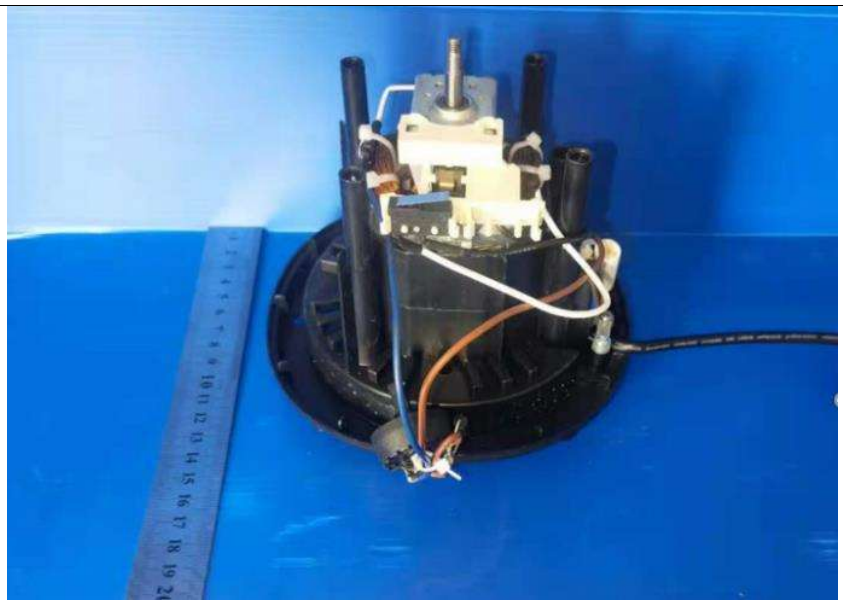
Details of: Alternative construction (The direction of the micro switch changes from right to left)



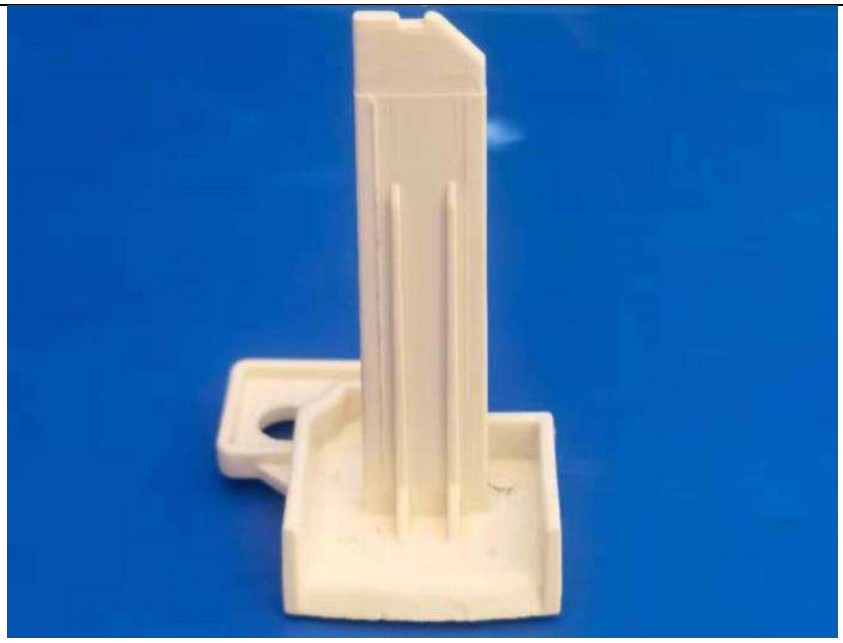
Details of: Alternative construction (add interlock switch symbol marking for all models)



Details of: Alternative construction (The direction of the micro switch changes from right to left for models)



Details of: Alternative switch connecting rod construction



Details of: BL9000AH-GS

-END--