

CE-LVD TEST REPORT

For

Electric Water Heater

Models No.: W55, W50, W45, W40, W35, W30

Prepared for: Zhongshan Chongde Electric Co.,Ltd

DongFu Road, DongFeng Town, Zhongshan City, Guangdong

Province

Manufacturer: Zhongshan Chongde Electric Co.,Ltd

DongFu Road, DongFeng Town, Zhongshan City, Guangdong

Province

Prepared By: Shenzhen An-Xin Testing Service Co., Ltd.

Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China

Tel: +86 755 23009643 Fax: +86 755 23009643

Report Number: AXJC2021081100429S

Issued Date: Oct. 18, 2021 Date of Report: Oct. 18, 2021

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TEST REPORT EN 60335-2-35

Part 1: Safety of household and similar electrical appliances Part 2: Particular requirements for instantaneous water heaters

Report Number.....: AXJC2021081100429S

Date of issue.....: 2021-10-18

Total number of pages....: 105 pages

Name of Testing Laboratory Shenzhen An-Xin Testing Service Co., Ltd. preparing the Report.....:

Applicant's name.....: Zhongshan Chongde Electric Co.,Ltd

Address...... DongFu Road, DongFeng Town, Zhongshan City,

Guangdong Province

Test specification:

Standard.....: EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+

A14:2019

EN 60335-2-35:2016+A1:2019

Test procedure.....: CE-LVD

Non-standard test method.....: N/A

TRF template used.....: N/A

Test Report Form No.....: N/A

Test Report Form(s) Originator....: N/A

Master TRF....: N/A

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Shenzhen An-Xin Testing Service Co., Ltd Report No.: AXJC2021081100429S

Manufacturer: Zhongshan Chongde Electric Co.,Ltd Model/Type reference: W55, W50, W45, W40, W35, W30	Test item description:	Electric Water Heater		
Model/Type reference: W55, W50, W45, W40, W35, W30	Trade Mark:	N/A		
	Manufacturer:	Zhongshan Chongde Electric Co.,Ltd		
Ratings : 220-240V~, 5500W, 50-60Hz;	Model/Type reference::	W55, W50, W45, W40, W35, W30		
	Ratings:	220-240V~, 5500W, 50-60Hz;		
K. M. Th. M.	VL. M.	Walle Alle	Lan.	

Name and address of the testing laboratory:

Shenzhen An-Xin Testing Service Co., Ltd.

Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China

Tested by : Oct. 18, 202
Signature Date

Jet Chen / Engineer
Name/title

Witnessed by : Oct. 18, 2021
Signature Date

Henry Tian / project Engineer
Name/title

Approved by : Oct. 18, 2021
Signature Date

Kevin Liu / Manager
Name/title

Summary of testing:

Tests performed:

EN 60335-

1:2012+A11:2014+A13:2017+A1:2019+A2:2019+

A14:2019

EN 60335-2-35:2016+A1:2019

The submitted samples were found to comply with the above specification.

Testing location:

Shenzhen An-Xin Testing Service Co., Ltd. Room 402-405, Floor 4th, Building C, Yuxing Technology Industrial Park, Xixiang Street, Bao'an District, Shenzhen, Guangdong, China





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.

ELECTRIC WATER HEATER

Frequency:50/60Hz Model: W55

Rating: 220V-240V Power Range:5500W





Operating Water Pressure: 0.02-0.6MPa

Rating:Class I, IPX4

Zhongshan Chongde Electric Co.,Ltd

Test item particulars	Electric Water Heater
Supply connection	: Supply cord without Plug
Nature of supply	a.c.
Class of protection against electric shock	
Degree of protection against moisture	: IPX4
Type of cord attachment	11 Y :
Classification of installation and use	Fixed Programmer Fixed
Supply Connection	: Supply cord without Plug
Possible test case verdicts:	VIA. VIA.
- 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	
Testing	ENTE WITH WAY
Date of receipt of test item	: 2021-10-09
Date (s) of performance of tests	: 2021-10-09 to 2021-10-18
General remarks:	entrie itile
"(See Enclosure #)" refers to additional informa	
"(See appended table)" refers to a table append	ded to the report.
Throughout this report a \square comma / \boxtimes po	oint is used as the decimal separator.



STING	XIM ANXIM AN	Page 5 of 105	Shenzhen An-Xin Testing Servic Report No.: AXJC202108 ²	
el bi	AM	MXII	XIL XIL	111
	Mr Mixe	EN 60335-2-35	YL,	VNX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdic
-112	CENERAL CONDITIONS FO	AD THE TESTS	VII.	10
5	GENERAL CONDITIONS FO	6/1-	- (X) - (V)	1-
14	Tests performed according to of supply, sequence of testing		T WE WILL	Р
5.3	When the tests are carried of appliance, tests of clause 22 24.102 carried out before the (IEC 60335-2-35/AMD1)	.107, 22.108 and	TXIM MAXIM M	XIIB
5.7	Inlet water having temperatu for tests (IEC 60335-2-35/Al		AND AND	APX
MXIN	unless the inlet water temper appliance will give a more un which case inlet water at the used. (IEC 60335-2-35/AMD	favourable result, in marked temperature	WAXIN WAXIN	N/A
3	CLASSIFICATION	,		
6.1	Protection against electric sh	ock (IEC 60335-2-35):	K. MXIII	P
	- Bare element water heaters (IEC 60335-2-35)	are class I or III	class I	Р
HXIL	- Other water heaters are cla (IEC 60335-2-35)	ss I, II or III	ALL ALLEN	N/A
5.2	Water heaters be at least IPX	(1 (IEC 60335-2-35)	IPX4	Р
	MARKING AND INSTRUCT	ONS		
7.1	Rated voltage or voltage range	ge (V):	220-240V	XIIP
~7	Symbol for nature of supply,		~.N A	Р
N K	Rated frequency (Hz)	VL/V	50-60	P.
	Rated power input (W), or		See page 3	P
	Rated current (A)	-174	MXIII IXIN	N/A
AMXIII	Manufacturer's or responsible trademark or identification m		Zhongshan Chongde Electric Co.,Ltd	PP
	Model or type reference		See page 3	Р
VIA	Symbol IEC 60417-5172, for	class II appliances	IN IN	N/A
3	IP number, other than IPX0	M. M.	IPX4	P
la.	Symbol IEC 60417-5180, for unless	- A	mxin =1xin	N/A
14,,	the appliance is operated by	batteries only, or	N. N.	N/A
11/11	for appliances powered by re recharged in the appliance	-17/1	ANXIN ANXIN	N/A
New	Symbol IEC 60417-5018, for appliances incorporating a fu		" WALL	N/A



STING	XIM AN AM	Page 6 of 105	Shenzhen An-Xin Testing Se Report No.: AXJC2021		
Y Al-	V. VIII	MXIII.	KIM KIM	be	
'La	his his	EN 60335-2-35	VL.	WHX!	
Clause	Requirement + Test	MXIII	Result - Remark	Verdict	
11×111×11/11	Marked rated frequency for b heaters shall not be less than (IEC 60335-2-35)		ANXIN AN	XIII PIIX	
VIN	Appliances are marked with r pascals (MPa) (IEC 60335-2		W WXIN	N N	
XIM A'	If the appliance is intended for inlet water heated by other w the maximum inlet water tem (IEC 60335-2-35/AMD1)	ater heating systems,	MXIM MXIM	N/A	
ANXIN	Bare-element water heaters a minimum water resistivity with may be used, and the market than 1 300 Ωcm. (IEC 60335-	h which the appliance d value is not greater	ANXIN ANX	N/A	XIM
W PH	Symbol IEC 60417-5036, for electrically-operated water values have sets for connection of a water mains, if the working value extra-low voltage	alves in external an appliance to the	ALL BLAND B	N/A	
7.2	Warning for stationary applia supply	nces for multiple	VHXIII	N/A	
	Warning placed in vicinity of	terminal cover	JAIN .	N/A	
7.3 ANXII	Range of rated values marke upper limits separated by a h		M VIA. VIA	N/A	
	Different rated values marked separated by an oblique strol		THE AMERICA	N/A	
7.4	Appliances adjustable for diff rated frequencies, the voltage setting is clearly discernible		WXILL WAXING	ANXIN	
ANXIN	Requirement met if frequent or required and the rated voltage which the appliance is to be a from a wiring diagram	e or rated frequency to		P P	
7.5 ANY	Appliances with more than or or more rated voltage ranges input or rated current for each range, unless	s, marked with rated	KIN ANXIN A	N/A	
MY	the power input or current are arithmetic mean value of the		MXIN MXIN	N/A	
, x11,	Relation between marking for limits of rated power input or voltage is clear		ANXIN ANX	N/A	
7.6	Correct symbols used	17/1	'Alle	P	
17	Symbol for nature of supply politage	placed next to rated	IN AMA	MY P	



NIXIN				
P	AMX	Page 7 of 105	Shenzhen An-Xin Testing Service Report No.: AXJC2021081	
STING	My. MY	, M	AM AM	
- Al-	AM	ANX"	XIP XIP	la.
Ila	IN VIEW	EN 60335-2-35	AR	VHX!
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MAIN	<u> </u>	118	VI.	100
714.	confused with other mark	nces placed unlikely to be ing	WXIN WXI	N/A
WHY	Units of physical quantitie according to international		y K. W. Die	Р
7.7	Connection diagram fixed connected to more than t appliances for multiple su	wo supply conductors and	TXIN BUX. XIN BY	N/A
XIL	correct mode of connection	on is obvious	V. VIV.	N/A
7.8	Except for type Z attachn as follows:	nent, terminals for connection	on to the supply mains indicated	N/A
ANX	- marking of terminals exc conductor (letter N)	clusively for the neutral	WIN AIR	N/A
AN	- marking of protective ea IEC 60417-5019)	rthing terminals (symbol	IL DIE ON	N/A
M	- marking of functional ea IEC 60417-5018)	rthing terminals (symbol	AMXIII	N/A
12.	- marking not placed on r	emovable parts	MXILL IXIL	N/A
7.9	Marking or placing of swi hazard	ches which may cause a	L. VIN DIA	RN.
7.10 XII	Indications of switches or and controls on all applia letters or other visual me	nces by use of figures,	ANY ANY	P
AT	This applies also to switc control	hes which are part of a	ALL ALL	Р
KIN'	If figures are used, the of figure 0	f position indicated by the	NAXII.	N/A
XIN	The figure 0 indicates onl confusion with the OFF p	y OFF position, unless no osition	"OFF"	Р
7.11	Indication for direction of	adjustment of controls	4112	P
7.12	Instructions for safe use	provided	Mr. WA	Р
H AM	Details concerning preca maintenance	utions during user	IL MAIN	P
	The instructions state that	t:	Pil	Р
11XIP 11XV	- the appliance is not to b (including children) with r or mental capabilities, or knowledge, unless they h supervision or instruction	educed physical, sensory lack of experience and	ANXIN ANXIN	AN)
VLIV	- children being supervise appliance	ed not to play with the	MXI	NP NP



STING	XIN NXIN N	IXIN AM	Report No.: AXJC202	210811004298
M	Al Al	EN 60335-2-35	XI. WALL	NXIN
Clause	Requirement + Test	211 00000 2 00	Result - Remark	Verdict
Diause	requirement Frest	· AM	A Tresult - Tremain	Verdice
in any	For a part of class III constru detachable power supply uni that the appliance is only to be provided	t, the instructions state	A WAIN W	N/A
	Instructions for class III appli only be supplied at SELV, ur		ANXIIA	N/A
AIN P	it is a battery-operated applicharged outside the appliance		TALL CHAIN	N/A
	For appliances for altitudes e maximum altitude is stated		WALL IN	N/A
	The instructions for appliance functional earth states that the incorporates an earth connect purposes only	ne appliance	ANXIN AM	ANXIN
7.12.1	Sufficient details for installati	on supplied	Mr. Mr	P
19	For an appliance intended to connected to the water main a hose-set, this is stated		WALL BLANK	WAS,
MXIII	If different rated voltages or of frequencies are marked, the action to be taken to adjust to	instructions state what	WAIN WA	N/A
ANX	The installation instructions f heaters shall state that the o connected to any tap or fittin specified. (IEC 60335-2-35)	utlet must not be g other than those	ANXIN A	N/A ATXIN
ring is	If a pressure relief device is a water heaters, the instruction must be fitted during Installar incorporated in the appliance.	ns shall state that it tition, unless it is	oxing Maxing	N/A
ANXIN	If the appliance is not marke instructions state the substant			P
ANY	The water inlet of this appliant connected to inlet water obtain water heating system. (IEC 6	ined from any other	IL VILLE	MXIN P
7	Installation instructions for ba (IEC 60335-2-35):	are element water heate	ers state substance of follow	ving
XIN	- the resistivity of the water s than Ωcm (IEC 60335 2 3		MXIII WHILE	N/A
ANXII	- the appliance must be perm fixed wiring (not necessary if requirements for the connect fitted with a plug specified in (IEC 60335-2-35)	it complies with the ion by a supply cord	ANXIN AN	XIN P
AT	- the appliance must be earth appliances only) (IEC 60335		KIM AN	Р



P		Page 9 of 105	Shenzhen An-Xin Testing S Report No.: AXJC20	
STING	MY. MY	VIA VIA.	Report No.: AX3020	210011004293
el Dis	V. V.	WKIII	IXIN IXIN	111
114	My My	EN 60335-2-35	AR'	WX.
Clause	Requirement + Test	WY!	Result - Remark	Verdic
WANY,	When bare element water he emptied, installation instruction is not to be installed in location occur (IEC 60335-2-35)	on state that appliance		N/A
, A	In a multiple water outlet syst individual water outlet, the ins (IEC 60335-2-35)			nch N/A
ANXIN XIN	The system shall be installed setting the water temperature installed at a shower outlet sl any other controls in the syst temperature in normal use at (IEC 60335-2-35)	e in normal use nall take priority over em that set the water	ANXIN ANXIN	KIM ANX
AM	For appliances not intended to a water based space heating the following (IEC 60335-2-3	system, the instruction		
	WARNING: This appliance is potable water supply. (IEC 60		NA ANY	MP
7.12.2 M	Stationary appliances not fitte disconnection from the supplication contact separation in all pole disconnection under overvolt instructions state that means must be incorporated in the fraccordance with the wiring run	y mains having a s that provide full age category III, the for disconnection ixed wiring in	WHY!! ANXIN ANX!	N/A AN
7.12.3	Insulation of the fixed wiring i exceeding 50 K during clause that the fixed wiring must be	e 11; instructions state	WXIN AIR	ANN P
7.12.4	Instructions for built- in applia	inces:	N. W.	N/A
la.	- dimensions of space	VIJX.	WAILS 14	N/A
MXIII	- dimensions and position of	supporting and fixing	L. VIII	P
4	- minimum distances between surrounding structure	n parts and	ANXIN	MXM P
y VL	- minimum dimensions of ver arrangement	tilating openings and	XILL WASH	N/A
	- connection to supply mains separate components	and interconnection of	NY MY	N/A
AXILA	- allow disconnection of the a installation, by accessible plu fixed wiring, unless		WAIN WAY	N/A
MXIII	a switch complying with 24.3	m. Mr.	y by	N/A
7.12.5	Replacement cord instruction with a specially prepared core		ANXIN	N/A
Ar	Replacement cord instruction	s, type Y attachment	KIP IN	Р
M	Replacement cord instruction	s, type Z attachment	Les Physics	N/A



	EN 60335-2-35	N.	VI.
Clause	Requirement + Test	Result - Remark	Verd
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	H WAXIN WAXI	P
7.12.7	Instructions for fixed appliances stating how the appliance is to be fixed	ANXIIA VI	XIP
7.12.8	Instructions for appliances connected to the water m	nains:	Р
XIL	- max. inlet water pressure (Pa)	VILL.	L/P
	- min. inlet water pressure, if necessary (Pa):	HI MY.	Р
ANXIN	Instructions concerning new and old hose-sets for appliances connected to the water mains by detachable hose-sets	My My	P
7.12.9	Instructions specified in 7.12 and from 7.12.1 to 7.12.8 appear together before any other instructions supplied with the appliance	THE WAY THE WAY	Р
114	These instructions may be supplied with the appliance separately from any functional use booklet	PHXIM MXIM	N/A
W	They may follow the description of the appliance that identifies parts, or follow the drawings/sketches	Alxie Mixie	N/
ANXII	In addition, instructions are also available in an alternative format such as on a website or on request from the user in a format such as a DVD	N RIV ANN	P
IN AT	In addition, instructions are also available in an alternative format such as on a website or in a format such as a DVD:	UXIN AN AN	Р
7.13	Instructions and other texts in an official language	, e) X1	Р
7.14	Markings clearly legible and durable:	MXIIS IXIN	Р
ANXIII	Signal words WARNING, CAUTION, DANGER in uppercase having a height as specified	W. MAIN MA	P
ANY	Uppercase letter of the text explaining the signal word not smaller than 1,6 mm	THY WAY	Р
. P	Moulded in, engraved, or stamped markings either raised above or have a depth below the surface of at least 0,25 mm, unless	XIM ANXI	N//
IXIM	contrasting colours are used	The Why.	N/A
	Markings checked by inspection, measurement and rubbing test as specified	anxin axin	P
7.15	Markings on a main part	A PI	Р
	Marking clearly discernible from the outside, if necessary after removal of a cover	ANXIN AN	KINP
IN AL	For portable appliances, cover can be removed or opened without a tool	IXIN MXIN	N/A



V AXI		Page 11 of 105	Shenzhen An-Xin Testing Servi	ce Co., Ltd
	IN AIR	MY	Report No.: AXJC202108	
STING				
U. H	IN K.	EN 60335-2-35	VI VIXIII	NXIP.
Clause	Requirement + Test	21/ 50505 2 55	Result - Remark	Verdic
M	, sol	- AM	MAN MAIN	7 5.1 5.1
141.	For stationary appliances, identification mark and movisible after installation		ANXIN ANX	III P
VIA	For fixed appliances, nam identification mark and movisible after installation ac	odel or type reference	H ANXIN	WXW.
XIM B	Indications for switches ar near the components. Ma can be positioned or report that the marking is mislear	rking not on parts which sitioned in such a way	MXIN MIXIN	N/A
	The symbol IEC 60417-50 symbol IEC 60417-5172 of		by Why	N/A
ANY	Additional markings for bavisible during installation (IEC 60335-2-35)		IN ANXING AN	AM P
7.16	Marking of a possible repl fuse link clearly visible wit link		ANXIII	WASH
7.101	Water inlet and water outl (IEC 60335-2-35)	et have to be identified	VIAN VIAN	Pri
11/11	Identification is not on det (IEC 60335-2-35)	achable parts	PUXIL PUX	N/A
N	If colours are used, blue s and red for the outlet. (IEC		OHXIN .	HXIP
N PL	Arrows showing the direct (IEC 60335-2-35)	ion of the water flow.	WXIN SIXIN P	N/A
7.102	Class I bare- element wate state that appliance must (IEC 60335-2-35)		WAIN WAIN	ATP
VINX.	The use of a removable la appliance is an acceptable requirement. (IEC 60335-	e means of meeting this	WAIN BY	N/A
3	PROTECTION AGAINST	ACCESS TO LIVE PART	S	
3.1	Adequate protection agair live parts	nst accidental contact with	VHX.	PWXP
3.1.1	Requirement applies for a parts removed	ll positions, detachable	THXILL	Р
	Lamps behind a detachab conditions met	le cover not removed, if	MXIN -IXI	N/A
AMXIII	Insertion or removal of lan contact with live parts of the		y KIN DEN	N/A
VIA.		ne lamp cap 61032, with a force not	ALIXINA ALI	N. C.



N K	AM	ANXIII	KIR XIN	la.
111.	Mr Mx	EN 60335-2-35	V.	WAX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MYIN	III 13/14 - D 1/150	1)	VIA. VIV.	1
, XI	Use of test probe B of IEC openings, with a force of 20 parts		ANXIN ANXINA	TILY B.
8.1.2	Use of test probe 13 of IEC exceeding 1 N, through ope appliances and class II appno contact with live parts	enings in class 0	M ANXIN MY	N/A ATX
XIN	Test probe 13 also applied earthed metal enclosures h coating: no contact with live	naving a non-conductive	Mr. All Marin	N/A
8.1.3	For appliances other than oprobe 41 of IEC 61032, wit 1 N: no contact with live patheating elements or support	h a force not exceeding rts of visible glowing	WHY WHY	N/A
N AM	For a single switching action switching device, requirement		ALM TAIN K	N/A
(A)	For appliances with a supp switching device, the single be obtained by the withdraw	switching action may	MXIN AIR	N/A
8.1.4	Accessible part not conside	ered live if:	N. Die	N/A
11/1/12	- safety extra-low a.c. volta exceeding 42,4 V	ge: peak value not	VILLE VILLE	N/A
N. C.	- safety extra-low d.c. volta 42,4 V	ge: not exceeding	" STXIN	N/A
N AT	- or separated from live par impedance	ts by protective	WAY WAY	N/A
KIII	If protective impedance: d. 2 mA, and	c. current not exceeding	All Die	N/A
MY	a.c. peak value not exceed	ing 0,7 mA	VIN VIXII	Р
VW.	- for peak values over 42,4 450 V, capacitance not exc		MXIM	AM PA
, WAY	- for peak values over 450 15 kV, discharge not excee		THE WAY	N/A
	- for peak values over 15 k' discharge not exceeding 38		AND AND	N/A
8.1.5	Live parts protected at leas	et by basic insulation befo	re installation or assembly:	P
71.	- built- in appliances	ily ith	NA P	N/A
111	- fixed appliances	VIA.	anx" ""	Р
VIJX	- appliances delivered in se	eparate units	in River	N/A
AN	The connections to the wat supply are assumed to be i test. (IEC 60335-2-35)		THE PHYLLE	WKIND



	EN 60335-2-35	N.	VL
Clause	Requirement + Test	Result - Remark	Verdic
MAIN	Requirement does not apply to wall mounted appliances intended to be permanently connected to fixed wiring by cables having nominal cross sectional more than 2,5 mm² (IEC 60335-2-35)	IN ANXIN ANX	N/A
A La	However, the cross sectional area of cable entry does not exceed 25 cm² and there are no accessible live parts within projection of the opening (IEC 60335-2-35)	KINN ANXIN A	WALE
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	H ANXIN ANXIN	N/A
. 14	Only possible to touch parts separated from live parts by double or reinforced insulation	ANXII AN	N/A
10	POWER INPUT AND CURRENT	1 4 1863	77.
10.1	Power input at normal operating temperature, rate voltage and normal operation not deviating from rated power input by more than shown in table 1	d (see appended table)	MP
	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	14	HXIN P
KIM P	Otherwise the power input is the arithmetic mean value	MAXIE BUXIE	N/A
MXIM	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless	MXIN ANXIN	N/A
	the rated power input is related to the arithmetic mean value	" CHXIN	N/A
10.2	Current at normal operating temperature, rated voltage and normal operation not deviating from rated current by more than shown in table 2	(see appended table)	P
MXIN	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	ie wy Anxi	P
	Otherwise the current is the arithmetic mean value	e, MXIII	N/A
112 P.	Test carried out at upper and lower limits of the ranges for appliances with one or more rated voltage ranges, unless	TUXIN WAIN BY	N/A



lL ₁	MIL	EN 60335-2-35	WHY	NXIII
Clause	Requirement + Test	"IXIM	Result - Remark	Verdict
MIL	10	Na.	VHX.	
W.	the rated current is relativalue of the range	ed to the arithmetic mean	MXIN	N/A
11	HEATING			
11.1	No excessive temperatu	res in normal use	ile IXIL	, R
11.2	The appliance is held, pldescribed	laced or fixed in position as	Fixed	MAN P
11.3	Temperature rises, othe determined by thermoco		ANX!	N/A
IXIN	Temperature rises of wir resistance method, unle		ANXIN ANXIN	N/A
VI.	the windings are non-ur make the necessary cor		" WALL	N/A
M	Addition: (IEC 60335-2-3	35:2012/AMD2:2020)	IN K	_
W IXIN	flat and access permits, Figure 104 is used to me		WXIN WAXIN	AMEN
" 4XII		h a force of 4 N ± 1 N to the at the best possible contact the surface is ensured.		N/A
N.	The measurement is per period of 30 s.	rformed after a contact	MXIM	N/A
KIM AT	The probe may be held a stand clamp or similar dinstrument giving the samay be used.		MXM MXM	N/A ANXI
11.4	Heating appliances oper operation at 1,15 times r	rated under normal rated power input (W):	WAXING WAXIN	Р
11.5	operation at most unfavo	ces operated under normal ourable voltage between d voltage (V):	of AMXING AN	N/A
11.6		perated under normal purable voltage between ed voltage (V)	ANXIN	N/A
11.77	Appliance is operated un established (IEC 60335-		WAY WAYING	PN
11.8		tored continuously and not table 3:	(see appended table)	N P
My	If the temperature rise of the value of table 3, or	f a motor winding exceeds	WXIN R	N/A
AN'	if there is doubt with reg insulation,	ard to classification of	112 PI	N/A



71,	EN 60335-2-35	21	VIN
Clause	Requirement + Test	Result - Remark	Ver
NXIIA	tests of annex C are carried out	E, VE,	N
	Sealing compound does not flow out	112.	N/
14.	Protective devices do not operate, except	Y VIA. WHY.	F
A	components in protective electronic circuits tested for the number of cycles specified in 24.1.4	WAXIN	1/1F
P	Addition: (IEC 60335-2-35:2012/AMD2:2020)	W MY	_
XII	During the test, the temperature rises are monitored continuously and shall not exceed the values shown in Table 3 and Table 101.	MXIN ANXII	VA
13	LEAKAGE CURRENT AND ELECTRIC STRENGT	H AT OPERATING	-
13.1	Leakage current not excessive and electric strength adequate	IN ALL	F
IL)	Heating appliances operated at 1,15 times the rated power input (W):	VI VINXILA	N. F
MXIM	Motor-operated appliances and combined appliances supplied at 1,06 times the rated voltage (V):	ANXIN ANXIN	N
	Protective impedance and radio interference filters disconnected before carrying out the tests	VHXILA VHXILA	N
13.2	The leakage current is measured by means of the circuit described in figure 4 of IEC 60990:1999	o with	XIN
VIM P	For class 0I appliances and class I appliances, except parts of class II construction, C may be replaced by a low impedance ammeter	TXIN MXIN AL	N
	Leakage current measurements:	(see appended table)	F
AMXIN	Bare element water heaters are tested with water having the resistivity marked on the appliance (IEC 60335-2-35)	WAY WHY	F
AN	Inlet water with the appropriate resistivity is prepared with the water at a temperature of 15 C ± 5 °C. (IEC 60335-2-35/AMD1)	THE PLAY SHY	F
MXIM	For class I bare-element water heaters, the leakage current is measured between a metal sieve positioned in the water 10 mm from the orifice of the outlet, and the earthing terminal. (IEC 60335-2-35)	MXIM AMXIM A	N.F
ANXI	For single-phase appliances, the terminals of the heating element are connected through the selector switch to each pole of the supply in turn, as shown in Figure 101. (IEC 60335-2-35)	YNXIN ANXIN	F
IN A	For three-phase appliances, the earthing terminal is connected to the neutral conductor, as shown in Figure 102. (IEC 60335-2-35)	XIN HI WIXIN AN	N



STING	XIM ANXIM AN	Page 16 of 105	Shenzhen An-Xin Testing Service Report No.: AXJC2021081	
lly .	10 10	EN 60335-2-35	VI, VIII.	NXIN
Clause	Requirement + Test	17/19	Result - Remark	Verdict
MIL	14	VIA.	VAX.	
W.	Leakage current does not ex (IEC 60335-2-35)	ceed 0,25 mA	114 1146	P
AMX	For bare-element water heat connected to the power supplifited with a plug, the leakage repeated. (IEC 60335-2-35)	oly by a supply cord e current test is	H ANXIN AN	N/A
XIN A	During this test, the leakage between the earthing termina the neutral conductor, as should (IEC 60335-2-35)	al of the appliance and	MXWA MXW	ANX
ANXIN	Leakage current, measured in each position, does not ex (IEC 60335-2-35)		MAN MAN	PP
13.3	The appliance is disconnected	ed from the supply	VIA, VIA	Р
· VIA	Electric strength tests accord	ding to table 4:	(see appended table)	Р
H	No breakdown during the tes	ets	VINY.	P
14	TRANSIENT OVERVOLTAG	GES	,	N/A
HXIN	Appliances withstand the tra which they may be subjected		Ma, Wyx,	N/A
ANXI	Clearances having a value le table 16 subjected to an imp test voltage specified in table	ulse voltage test, the	(see appended table)	N/A
	No flashover during the test,	unless	ANXIII	N/A
N A	of functional insulation if the with clause 19 with the clear		TXIN TXIN P	N/A
15	MOISTURE RESISTANCE			MIX
15.1 ANXIN	Enclosure provides the degree protection according to class appliance		IPX4	P
ANY	Compliance checked as spe into account 15.1.2, followed strength test of 16.3		IN ANXIN ANX	P
7	No trace of water on insulation reduction of clearances or crubelow values specified in cla	eepage distances	ALL ALLEN	WXPN
15.1.1	Appliances, other than IPX0 specified in IEC 60529		The White	PA
ANXII	Water valves containing live for connection of an appliant tested as specified for IPX7	ce to the water mains	ANXII ANXIN	N/A
15.1.2	Hand-held appliance turned the most unfavourable positi		AMX" AN	N/A
	12	7/2,	Id. The	



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TING	XIM AM. XIM A	Maye 17 01 105	Report No.: AXJC2021	
M VI	PLAY.	ANXIII	TXIL TXIL	14/21
	MXILA TXIN	EN 60335-2-35	b	AM.
Clause	Requirement + Test	WY.	Result - Remark	Verdic
WY	Built-in appliances installed instructions	d according to the	NAW YES	N/A
AMX	Appliances placed or used placed on a horizontal unpo		TH MY VIEW	N/A
	Appliances normally fixed to with pins for insertion into semounted on a wooden boar	socket-outlets are	TAIN ANX.	ANXIP
KIL	For IPX3 appliances, the bappliances is placed at the axis of the oscillating tube		NAIN BUY	N/A
VINXIL	For IPX4 appliances, the he the appliance is aligned with oscillating tube, and		NAW YEAR	PA
H AN	for appliances normally use the movement is limited to period of 5 min, the suppor level of the pivot axis of the	two times 90° for a t being placed at the	AIXMA AIIXMA	N/A
MIXI	Wall-mounted appliances, distance to the floor stated		ANXIN ANXIN	N/A
ANX	Appliances normally fixed tunderneath a horizontal un pivot axis of the oscillating of the underside of the sup	perforated support, the tube located at the level	IN ANXIN AN	N/A
P	for IPX4 appliances, the molimited to two times 90° from period of 5 min		XIN ANXII	ANXIP
(IL)	Appliances with type X atta flexible cord as described	schment fitted with a	THE PHYSICAL	N/A
MXIM	Detachable parts subjected treatment with the main pa		ANXII ANXII	P
" " M.	However, if a part has to be maintenance and a tool is removed		MXIM A	HXIM P
7	Wall mounted appliances fi from mounting surface, unl		YNXIN	MXPH
HI.	installation instructions spe (IEC 60335-2-35)	cify a larger value	MXIN MXIN	Р
5.2	Spillage of liquid does not a insulation	affect the electrical	NAW W	N/A
ANXII	Spillage solution comprisin approximately 1 % NaCl ar		W Mr. WY	N/A
. 1	Appliances with type X atta flexible cord as described	chment fitted with a	MAN	N/A
	·		[4:	



14	III MY	EN 60335-2-35	AM	WXII
Clause	Requirement + Test	Wille	Result - Remark	Verdict
YUXIN	Appliances incorporating with or without an connectunfavourable	an appliance inlet tested ctor, whichever is most	VINN VINN	N/A
MAX	Detachable parts are ren	noved	M IN	N/A
7	Overfilling test with addit solution, over a period of		ANXII	N/A
XIM	The appliance withstands of 16.3	s the electric strength test	HXIL	N/A
NXIN	No trace of water on insureduction of clearances of below values specified in		ANXIN ANX	N/A
15.3	Appliances proof against	humid conditions	IXIN	NP
AN	Checked by test Cab: Da IEC 60068-2-78	imp heat steady state in	IN PLA	Р
IM	Detachable parts remove necessary, to the humidi		ANXII	N/A
	Humidity test for 48 h in a	a humidity cabinet	MXIII IXIN	Р
MXIII	Reassembly of those par removed	ts that may have been	V. VIL	N/A
11/21	The appliance withstands	s the tests of clause 16	AM AM	P
16	LEAKAGE CURRENT A	ND ELECTRIC STRENGT	Н	7
16.1	Leakage current not exce adequate	essive and electric strength	and Allx	ANXIP
XIM	Protective impedance dis before carrying out the te	sconnected from live parts ests	MXIII	PXII
MIL	Tests carried out at room connected to the supply	temperature and not	WALLY WALL	N/A
16.2	Single-phase appliances rated voltage (V)		JAIN K.	N/A
AMY	Three-phase appliances rated voltage divided by		UN DIE DE	Р
. L	Bare element water heat having the resistivity mar (IEC 60335-2-35)	ers are tested with water ked on the appliance	IXIN VINX	N/A
WXIL	Inlet water with the approprepared with the water a 15 °C ± 5 °C. (IEC 60335)	at a temperature of	The Why	IN PRIX
NXIL	Leakage current measur	ements:	(see appended table)	Р
Pri.	Limit values doubled if:	VINE "MXII	" IXIN	111/2
	- all controls have an off	position in all poles, or	VI.	N/A
UN DE	- the appliance has no co	ontrol other than a thermal	XIII	Pir



" 	AR' AR	14/1	- M
111.	EN 60335-2-35	AR'	VHX.
Clause	Requirement + Test	Result - Remark	Verdict
MXIN	The state of the s	Mr.	140.
Yla,	- all thermostats, temperature limiters and energy regulators do not have an off position, or	William William	N/A
.47	- the appliance has radio interference filters	M AM	N/A
1 Pri	With the radio interference filters disconnected, the leakage current do not exceed limits specified:	(see appended table)	XIIB
16.3	Electric strength tests according to table 7	(see appended table)	Р
XIM	Test voltage applied between the supply cord and inlet bushing and cord guard and cord anchorage as specified	(see appended table)	ARX
MIXI	No breakdown during the tests	VLV VVX	Р
17	OVERLOAD PROTECTION OF TRANSFORMERS CIRCUITS	AND ASSOCIATED	IM-P
IN AM	No excessive temperatures in transformer or associated circuits in event of short-circuits likely to occur in normal use:	(see appended table)	P
MXIN	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):	ANXIN ANXIN	P
113.	Basic insulation is not short-circuited	a. An	N/A
ANXII	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	IN BUY BUXIN BUXIN	N/A
IN PI	Temperature of the winding not exceeding the value specified in table 8	WXIN WXIN	P
114	However, limits do not apply to fail-safe transformers complying with sub-clause 15.5 of IEC 61558-1	WXIN MXIN	N/A
18	ENDURANCE		PZ
at	Requirements and tests are specified in part 2 when necessary	WHY WHY	N/A
19	ABNORMAL OPERATION		UT.
19.1	The risk of fire, mechanical damage or electric shock under abnormal or careless operation obviated	MXIM AM	MP
MXII	Electronic circuits so designed and applied that a fault will not render the appliance unsafe:	(see appended table)	PR
ANXIN	Appliances incorporating heating elements subjected to the tests of 19.2 and 19.3, and	y buy	Р
AN	if the appliance also has a control that limit the temperature during clause 11 it is subjected to the test of 19.4, and	ALL BUXING AN	MP
M	if applicable, to the test of 19.5	W. W.	P
1	+ 3/12 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4		PH



- m				
STING	AIN ANXIN	Page 20 of 105	Shenzhen An-Xin Testing Report No.: AXJC2	
				1
lb.	III MY	EN 60335-2-35	AMA	MXII
Clause	Requirement + Test	AXILA	Result - Remark	Verdict
UXIL	Appliances incorporating also subjected to the test	PTC heating elements are of 19.6	Die TXIN VIII	N/A
ANX	Appliances incorporating tests of 19.7 to 19.10, as		H NA	N/A
, A'	Appliances incorporating subjected to the tests of applicable		IXIN ANXII	AUXIP
XIIA	Appliances incorporating subjected to the test of 1 before the tests of 19.11		THE PLAN	AIPX
	Appliances incorporating subjected to the test of 1	voltage selector switches 9.15	AT AT	N/A
AM		ed, the tests are continued thermal cut- out operates,	THE WAY	ANXIII P
	until steady conditions ar	e established	VIJY.	NP
MXIM	If a heating element or in becomes open-circuited, repeated on a second sa	the relevant test is	ANXIN ANX	IN P
19.4	Test conditions as in clau the temperature during to short-circuited	use 11, any control limiting ests of clause 11	ANXIN I	NXIN P
KIN AT	For open-outlet water her pressure switches that open Clause 11 are short-circular valve being adjusted to the position. (IEC 60335-2-3	perate during the test of uited, the water-control ne most unfavourable	TXIN MAXIN	AN/A
ANXIN	Flow switches of closed varietied and any pressur inoperative, the outlet var (IEC 60335-2-35)	re relief device rendered	ANXIN AN	N/A
ANY ANY	is filled with just sufficien	to occur, the water heater t water to cover the rated with the outlet valve	IN WAXIN	VIXIN B
19.5	Test of 19.4 repeated on with tubular sheathed or elements. No short-circu element connected to the	iting, but one end of the	THY MIXIN	M P
ANXII	The test repeated with re other end of the heating sheath	eversed polarity and the element connected to the	VINY P	NXIII P



Ila	Mr.	EN 60335-2-35	VIV.	MXIII
Clause	Requirement + Test	THE WALL	Result - Remark	Verdict
Mr.	la.	Alexander	AMY MAY	
W.	to be permanently con	out on appliances intended nected to fixed wiring and on II-pole disconnection occurs	A BUXIN BUX	N/A
19.6	Appliances with PTC h rated voltage, establish	eating elements tested at ning steady conditions	ANXIIA	N/A
XIM A	increased by 5 % and until steady conditions voltage is then increas	the PTC heating element is the appliance is operated are re-established. The ed in similar steps until age or until the PTC heating	HXIN ANXIN	N/A
19.7	Stalling test by locking torque is smaller than to	the rotor if the locked rotor the full load torque, or	WAILY "H	N/A
VI)	locking moving parts o	f other appliances	IN IN	N/A
W	Locked rotor, capacitor time	rs open-circuited one at a	MAKIN	N/A
IXIN	Test repeated with cap a time, unless	pacitors short-circuited one at	ANXIN ANXIN	N/A
L.	the capacitor is of class	s S2 or S3 of IEC 60252-1	in the	N/A
ANXII	rated voltage for each	or programmer supplied with of the tests, for a period period allowed	of buy. The buy.	N/A
TIM PL	ensure compliance wit	r the conditions of clause 11	TXIN ANXIN AS	N/A
la.		lied with rated voltage for a	CHXIN TXIN	N/A
ANXII	Winding temperatures specified in table 8		(see appended table)	N/A
19.8	Multi-phase motors op one phase disconnecte	perated at rated voltage with ed	IL VIEW WIND	N/A
19.9	motors intended to be	on appliances incorporating remotely or automatically be operated continuously	MY ANXING	N/A
NXIP NXIP	30.2.3 is applicable an protective devices rely	ombined appliances for which d that use overload ing on electronic circuits to ings, are also subjected to	ANXIN ANXIN	N/A
P.		not exceeding values as	(see appended table)	N/A
19.10		at 1,3 times rated voltage for	IXIN SIXIN	N/A
<i>(1,</i>	113		0/12	- PAP



N PI	ANA	ANXIII	XIM XIM	la.
Illa	My My	EN 60335-2-35	V.	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
NYIN	During Michael marks make	tible at a start forms that	VII.	A LOA
	During the test, parts not be appliance	eing ejected from the	-IXIM	N/A
19.11	Electronic circuits, complian	nce checked by	YLY YLY	Р
VIII.	evaluation of the fault cond 19.11.2 for all circuits or pa		H WAIN	XIN
	they comply with the condit	ions specified in 19.11.1	'N'	N/A
XIM	Appliances incorporating ar relies upon a programmabl correctly, subjected to the t	e component to function	MXIII ANXIN	N/A
411	restarting does not result in	a hazard	WAY!	N/A
VLX.	Appliances having a device obtained by electronic discouplacing the appliance in a subjected to the tests of 19	onnection, or a device stand-by mode,	M ANXIN AT	N/A
17	If the safety of the applianc conditions depends on the fuse-link complying with IE 19.12 is carried out	operation of a miniature	MXIN ANXIN	N/A
MXIII	During and after each test t	the following is checked:	VI. VIII	EN
.41	- the temperature of the wir values specified in table 8	ndings do not exceed the	ANXIN CHX	N/A
VIA	- the appliance complies wi specified in 19.13	th the conditions	a will	P
, P	- any current flowing throug not exceeding the limits spe		IXIN AIN P	Р
KIL	If a conductor of a printed be considered to have withstoo conditions are met:			N/A
VHXILL	- the base material of the privite withstands the test of anne		Mr. Alex	N/A
ANY	- any loosened conductor d clearance or creepage dista and accessible metal parts	ances between live parts	IN ANX. AN	N/A
10.11:	specified in clause 29	VIA.	Wyr.	DYXIII
19.11.1	Fault conditions a) to g) in meeting both of the following		circuits or parts of circuits	N/A
4XIII	- the electronic circuit is a lot the maximum power at low exceed 15 W according to	-power points does not	WALL BY	N/A
VWX	- the protection against electron mechanical hazard or dang other parts of the appliance correct functioning of the electron against electron	erous malfunction of does not rely on the	ANXIN AIR	NXIN
	A NA	18/1	1119	

ud L.	BI.	AMIL	MXII.	1XIP	412.
11.	MXIN MXIN	EN 60335-2-35	P.	1.	VHY.
Clause	Requirement + Test	SMXIII	Result - Remark	MX	Verdict
19.11.2	Fault conditions applied one specified in clause 11, but specified:				P
ALIX	a) short circuit of functional or creepage distances are I specified in clause 29		STA MIN	CILY Y.	N/A
P	b) open circuit at the termin	als of any component	TYIN	My.	Р
KIL.	c) short circuit of capacitors	, unless	D.	VINY	Р
	they comply with IEC 60384	1-14	My	(N)	N/A
ANXIN	d) short circuit of any two te component, other than integ		ic All	ANX	P
. ~	This fault condition is not ap circuits of an optocoupler	oplied between the two	, ANXII	AN	Р
N Pr	e) failure of triacs in the dio	de mode	MIL.	MX	N/A
	f) failure of microprocessors	s and integrated circuit	s	31	N/A
	g) failure of an electronic po	ower switching device	15/12	MIL	Р
1X11A	Each low power circuit is sh connecting the low-power p supply source from which the made	point to the pole of the	e WAXIN	VHY WAY	N/A
19.11.3	If the appliance incorporate circuit that operates to ensuclause 19, the appliance is	ire compliance with	ic. P	IL)	XIN
19.11.4	Appliances having a device obtained by electronic disco		VAXILY	NXIN	N/A
	a device that can be placed	l in the stand-by mode	, ,	,	N/A
ANXIN	subjected to the tests of 19 device being set in the off p stand-by mode		e Auxii	ANXIN'	N/A
A ANY	Appliances incorporating a circuit subjected to the tests 19.11.4.7, the tests being corporative electronic circuit.	of 19.11.4.1 to arried out after the	AXILY BUSE	XIM ANY	N/A
	protective electronic circuit that	· MY	, VIA VI	, ,	W.
XIL	appliances operated for 30 test of 19.7 are not subjecte electromagnetic phenomen	ed to the tests for	My.	VIXII.	N/A
45	Surge protective devices di	sconnected, unless	ant,	NXIP	N/A
MXI	They incorporate spark gap	My s	in land	N DI	N/A
19.11.4.1	The appliance is subjected discharges in accordance was level 4		st ANX	AL,	N/A
	PLA,		711	10.	



		EN 60335-2-35		
Clause	Requirement + Test	. Alla	Result - Remark	Verdict
MIL	la.		VIA. VIA.	
19.11.4.2	The appliance is subject accordance with IEC 61 ranges specified		AHXIN A	AXILA BY
19.11.4.3		ted to fast transient bursts 61000-4-4, test level 3 or 4	THY ANXIN	N/A
19.11.4.4	The power supply termin subjected to voltage sur IEC 61000-4-5, test lev	ges in accordance with	HXIN HXIN	N/A
,XIN	An open circuit test volta the line-to-line coupling	age of 2 kV is applicable for mode	ANXIN ANX	N/A
VL.	An open circuit test volta the line-to-earth couplir	age of 4 kV is applicable for ig	MXIM	N/A
LANX	Earthed heating elemen disconnected	ts in class I appliances	THY XIM	All P
19.11.4.5	The appliance is subject accordance with IEC 61	ted to injected currents in 000-4-6, test level 3	AND AND	N/A
19.11.4.6	16 A are subjected to the	ed current not exceeding e class 3 voltage dips and nce with IEC 61000-4-11	VILLE VILLE	N/A
ANXIN	are subjected to the class	ed current exceeding 16 A ss 3 voltage dips and nce with IEC 61000-4-34	W BLYK. SILL BY	N/A
19.11.4.7	The appliance is subject accordance with IEC 61	ted to mains signals in 000-4-13, test level class 2	IN AM	N/A
19.11.4.8	The appliance is supplied operated under normal of power supply is reduced appliance ceases to result the programmable comparts.	operation. After 60 s the I to a level such that the pond or parts controlled by	WAIN WAXIN	N/A
NI.	The appliance continues	s to operate normally, or	My	N/A
4	requires a manual opera	ation to restart	VILL C	N/A
19.12	IEC 60127, the test is recurrent flowing through the	9.11.2 depends on the fuse-link complying with epeated, measuring the	ANXIN ANXIN	ANXIN
19.13	During the tests the app flames, molten metal, po hazardous amounts	liance does not emit bisonous or ignitable gas in	ANXIN AN	XIN P
X ,	ماند م	xceeding the values shown	(see appended table)	MYINP
I AM	During the test of 19.4, temperature does not ex	the water container does no	t rupture and the water	Р



11,	III MXI	EN 60335-2-35	VL.	AHX
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
INN	M	, N	VIA. VIA	
N. P.	- 99 °C, for open outlet w capacity exceeding 1 I (II		with ,	N/A
	- 140 °C, for closed wate exceeding 1 I (IEC 60338	r heaters having a capacity 5-2-35)	H A A	N/A
	Compliance with clause 8	3 not impaired	ANX	N/A
IN A	If the appliance can still builth 20.2	pe operated it complies	UXIN UXIN	N/A
14		class III appliances or class ands the electric strength te		
VINY	- basic insulation (V)	Err Mari		N/A
		on (V):	MXIII	N/A
AN	1117	:	in his	N/A
W. W.	After operation or interrul clearances and creepage functional insulation with test of 16.3, the test voltaworking voltage	e distances across the stand the electric strength	1250V	A MARIA
11	The appliance does not umalfunction, and	undergo a dangerous	MXIN	IXIN P
VINX.	no failure of protective el appliance is still operable		NY A	N/A
AT	Appliances tested with an mode:	n electronic switch in the off	f position, or in the stand-b	by N/A
NA	- do not become operation	nal, or	Dr. With	N/A
MX	- if they become operatio dangerous malfunction d 19.11.4		ANXIN ANX	PN/A
VIA		lids or doors that are control be released provided that:		ocks, N/A
ANY	- the lid or door does not open position when the i	move automatically to an need to the need	Mx. M	N/A
l.	- the appliance does not which the interlock was r		THE AM	N/A
19.14	Appliances operated und clause 11, any contactor under the conditions of c short-circuited	or relay contact operating	THY THY	N/A
VIX	For a relay or contactor vall contacts are short-circ	vith more than one contact, cuited at the same time	I KIN A	N/A
AN'	A relay or contactor oper appliance is energized for short-circuited		XIM ANY	N/A

BANXIN ANXIN ANXIN

len			17/1	-410
111-	11/1/2	EN 60335-2-35	VL.	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MM	M	r.	VI. WHY.	
W.	If more than one relay or clause 11, they are short		MXW	N/A
19.15	For appliances with a maswitch, the switch is set to position and the highest applied	to the lowest rated voltage	H ANXIN AT	N/A
20	STABILITY AND MECH	ANICAL HAZARDS		
20.1	Appliances having adequ	uate stability	VI VIVE	N/A
ANXIN		igle of 10°, appliance ine/horizontal support, not mains; appliance does not	ANXIN ANX	N/A
ari	Tilting test repeated on a elements, angle of inclina		AND PLANT	N/A
IN.	Possible heating test in contemperature rise does not table 9	overturned position; ot exceed values shown in	THE ANXING	N/A
20.2	Moving parts adequately to provide protection aga	arranged or enclosed as inst personal injury	VINY WAXI	P
121	Protective enclosures, gunnon-detachable, and	uards and similar parts are	ANXIN AN	XIII P
	have adequate mechanic	cal strength	ALL STATES	Р
~	Enclosures that can be o interlock are considered		IN ALIX	ANXIP
KIR	Self-resetting thermal cu protective devices not ca unexpected closure		TXII ANXIN	ANXI
MXIN	Not possible to touch dar the test probe described	ngerous moving parts with	WAY WAY	Р
21	MECHANICAL STRENG	STH		<i>H</i>
21.1 AND	Appliance has adequate constructed as to withsta	mechanical strength and is and rough handling	IN AIR A	Р
W IN	enclosure like to be weal	lows to every point of the k, in accordance with test spring hammer test, with	(see appended table)	PUTP
W.	The appliance shows no compliance with this star		WXIN .	P
AMXIII	compliance with 8.1, 15. impaired	1 and clause 29 not	Y AM AM	Р
111	If doubt, supplementary of subjected to the electric		IN AUX	N/A
	VL.	P/L.	117.	•



TING	XIM ANXIM	W. WAIN DIE	Report No.: AXJC202108	11004298
ld.	My	EN 60335-2-35	VINY.	MXIII
Clause	Requirement + Test	"MXIII	Result - Remark	Verdic
1XIM	M		VIL. VILLE	
14,	If necessary, repetition a new sample	of groups of three blows on	WALL IN	N/A
21.2	Accessible parts of soli to prevent penetration I	d insulation having strength by sharp implements	H AN AM	Р
P	Test not applicable if th supplementary insulation reinforced insulation at	on is at least 1 mm and	TXIN ANX	P
YIL	The insulation is tested withstand the electric s	as specified, and does trength test of 16.3	YA VIAN	ARY
22	CONSTRUCTION			
22.1		the first numeral of the IP ements of IEC 60529 are	WAXIN W.	AIM P I
22.2	Stationary appliance: m provided:	neans to ensure all-pole disc	onnection from the supply being	N/A
	- a supply cord fitted wi	th a plug, or	N. D.	N/A
- \	- a switch complying wi		Mr. MXIA	N/A
1XIII	- a statement in the inst		MANN AND IXI	N/A
MX	- an appliance inlet	My	y K. VE	N/A
IN A	devices for the disconn in single-phase, perma	nd single-pole protective ection of heating elements inently connected class 01 connected to the phase	NXIN ANXIN AT	N/A
22.3	Appliance provided with socket-outlets	n pins: no undue strain on	WXIN TXIN	N/A
MXII	Applied torque not exce	eeding 0,25 Nm	L. Die	N/A
ANY	Pull force of 50 N to ea has being placed in the cooled to room tempera displaced by more than	ature the pins are not	THE BUXING BUX	N/A
3	113	a torque of 0,4 Nm; the pins	AND AND	N/A
IXIM	rotating does not impai standard	- Ala,	My Why	N/A
22.4		quids and appliance causing vided with pins for insertion	ANXIE ANXIE	Р



11,2	My My	EN 60335-2-35	AR.	DUX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
22.5 ANXI	No risk of electric shock whappliances having a capac capacitance equal to or greappliance being disconnections.	itor with rated eater than 0,1 μF, the ted from the supply at	WANXIN WAY	WXIN PIN
	the instant of voltage peak	L. Dis.	In MAXILA	414
D.	Voltage not exceeding 34 \	-110	12V	P
	If compliance relies on the electronic circuit, the electr tests of 19.11.4.3 and 19.1	omagnetic phenomena	MXII WAXIN	N/A
MXIN	The discharge test is then voltage not exceeding 34 V		VHXIM VH	XIM P
22.6	Electrical insulation not afformater or leaking liquid	ected by condensing	MXIN	N/A
- ANI	Electrical insulation of class affected if a hose ruptures		Mr. Mr.	N/A
Ila	In case of doubt, test as de	escribed	NA.	N/A
	Enclosure have a drain ho water can drain without impinsulation, unless (IEC 603	pairing the electrical	ANXIN ANXI	N/A
	water cannot accumulate v normal use. (IEC 60335-2-		ANXIN "	MXIN P
AM	Hole is at least 5 mm in dia (IEC 60335- 2-35)	ameter or	in while	N/A
, A ^r	20 mm² in area with width (IEC 60335-2-35)	of at least 3 mm	XIN N.	N/A
22.7	Adequate safeguards again pressure in appliances con having steam-producing do	taining liquid or gases or		N/A
22.8	Electrical connections not sold cleaning of compartments gained without the aid of a to be cleaned in normal use	to which access can be tool, and that are likely	WHXIN WH	N/A
22.9	Insulation, internal wiring, vand slip rings not exposed substances, unless		XILL BLIXIN	N/A
	the substance has adequa-	te insulating properties	NXIIA XII	N/A
22.10	Not possible to reset voltage non-self-resetting thermal operation of an automatic sincorporated within the app	cut-outs by the switching device	ANXIN AN	N/A
N.	- a non-self-resetting therr the standard, and	nal cut-out is required by	N MXIN	NAMP
1 Ar	- a voltage maintained non- cut-out is used to meet it	-self-resetting thermal	Mr. MX	N/A

ANXIN ANXIN

M	- N	APT - APT	Tr. Hills	AIX.
· · · · · · · · · · · · · · · · · · ·	MXIN IX	EN 60335-2-35	PI.	M
Clause	Requirement + Test	AHX"	Result - Remark	Verdict
MXIII	Non-self-resetting therr trip-free action, unless	nal motor protectors have a	W. My My	N/A
NY.	they are voltage maintai	ned	, but	N/A
No.	Reset buttons of non-se located or protected that unlikely		ANXIN ANXIN	N/A
22.11		etachable parts that provide f protection against electric act with moving parts	HXII ANXIE	ANX
MXIN	Obvious locked position for fixing such parts	of snap-in devices used	ANX!	N/A
r.		xing properties of snap-in at are likely to be removed vicing	NA BUXIN	ANX IN/A
N	Tests as described	AMA AN	ISIN MIXIN	N/A
22.12	Handles, knobs etc. fixe loosening result in a haz	d in a reliable manner, if card	IXIN AI	M P
WXIN	knobs etc. indicating pos	rong position of handles, sition of switches or similar e, if resulting in a hazard	We TXIN WHY	PH'
	A choking hazard does commercial use	not apply to appliances for	W DIE D	N/A
	Axial force 15 N applied so that an axial pull is un	to parts, the shape being nlikely to be applied	AME	N/A
KIN	Axial force 30 N applied so that an axial pull is like	to parts, the shape being sely to be applied	WXIII	N/A
NXIN	If the part is removed ar the small parts cylinder, choking hazard	nd can be contained within it is considered to be a	ANXIN AN	N/A
22.13	use, make the operator'	hen gripped as in normal s hand touch parts having a ling the value specified for for short periods only	ANY ANXIN	ANXIN P
22.14	No ragged or sharp edg user in normal use, or d	es creating a hazard for the uring user maintenance	IN AMA	P/17P
HXIN		ds of self-tapping screws or be touched by the user in er maintenance	MAY MAY	W PHY
22.15	Storage hooks and the I smooth and well rounde		WAY. V.	NX/// P
22.16	damage to the sheath of	use no undue abrasion or f the flexible cord, no strands and no undue wear	XIN MXIN	AN (IN/A
				117



TAIN		4H	ANA	
STING	XIM AMXIM A	Page 30 of 105	Shenzhen An-Xin Testing Sei Report No.: AXJC2021	
lb,	hi hiv	EN 60335-2-35	VHX	MXH
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
IXIN	M	P	VIL. VILLE	
Bi	Cord reel tested with 6000	operations, as specified	bur	N/A
11/4	Electric strength test of 16. applied	3, voltage of 1000 V	ANX! AN	N/A
22.17	Spacers not removable from by means of a screwdriver		WAXING	N/A
22.18	Current- carrying parts and resistant to corrosion	other metal parts	MAN WANT	Р
22.19	Driving belts not relied upo level of insulation, unless	n to provide the required	'XIV DIA	N/A
MIXI	constructed to prevent inap	propriate replacement	VIN THE	N/A
22.20	Direct contact between live insulation effectively preven		" Willy	N/A
, AM	material used is non-corros	sive, non-hygroscopic	ALL ALL P	N/A
22.21	Wood, cotton, silk, ordinary hygroscopic material not us		NA VIAY.	N/A
MIL	impregnated	VL.	MXIII	N/A
11/2/2	This requirement does not oxide and mineral ceramic electrical insulation of heat	fibres used for the	WAXIN W	N/A
22.22	Appliances not containing a	asbestos	ly in	P
22.23	Oils containing polychloring used	ated biphenyl (PCB) not	ANXII	ANXIIP
22.24	Bare heating elements, exc appliances or class III cons contain live parts, adequate	tructions that do not	WXIIN BUXIN	N/A
MXIN	In case of rupture, the heat to come in contact with acc		VILY. VILX	Р
22.25	Sagging heating conductor appliances or class III cons contain live parts, cannot caccessible metal parts	tructions that do not	AIM AMXIM AT	N/A
22.26	For class III constructions to parts operating at safety exother live parts complies with double or reinforced insular	tra-low voltage and ith the requirements for	WALLY BUXIN	PIN/A
22.27	Parts connected by protect separated by double or reir		WALL IN	N/A
22.28	Metal parts of class II appli connected to gas pipes or i separated from live parts b insulation	n contact with water,	W WASH DE	N/A



112	III MIX.	EN 60335-2-35	VIII.	WAXII
Clause	Requirement + Test	MXIL	Result - Remark	Verdict
Mr.	, d	, P.,	VIA. VIE.	- 1
22.29	wiring so constructed that	anently connected to fixed at the required degree of aintained after installation	ANXIN	N/A
22.30	Parts serving as supplent insulation fixed so that the without being seriously desired.	ey cannot be removed	IN ANXIN	ANXIN
XIN A	incorrect position, and so	cannot be replaced in an that if they are omitted, d inoperable or manifestly	MXIM ANXIM	N/A
22.31	Neither clearances nor c supplementary and reinfo below values specified in wear	orced insulation reduced	WHYIN WHY	NXM P
W VY	Neither clearances nor c between live parts and a below values for supplen screws etc. become loos	ccessible parts reduced nentary insulation if wires,	AIN ANXIN	N/A
22.32	Supplementary and reinf constructed or protected clearances or creepage below the values in claus	against pollution so that distances are not reduced	VINXII VINXII	N/A
ANXI	Supplementary insulation rubber resistant to ageing dimensioned so that cree reduced below values sp	g, or arranged and epage distances are not	Ly K. WASH, VI	N/A
KIM A	Ceramic material not tight materials or beads alone supplementary or reinfor	not used as	WXILL WAXIN	N/A ANXII
ANXIN	Ceramic and similar porcheating conductors are ebe basic insulation, not re	embedded is considered to	MATHER BUX	N/A
st	Oxygen bomb test at 70 room temperature	°C for 96 h and 16 h at	NAXII P	N/A
22.33	Conductive liquids that a accessible in normal use that are in contact with u parts are not in direct con	and conductive liquids nearthed accessible metal	XIII ANXIN	N/A
HXIN	unearthed metal parts se basic insulation only	eparated from live parts by	Mr. When	N/A
	Electrodes not used for h	neating liquids	MXIII II	N/A
ANXII	For class II constructions are or may become acce conductive liquids that are unearthed accessible me contact with basic or rein	essible in normal use and re in contact with etal parts, not in direct	MYNA ANXIN	N/A



STING	XIM ANXIN P	Page 32 of 105 S	Shenzhen An-Xin Testing S Report No.: AXJC20	
M	11/4 V	EN 60335-2-35	V. VIII.	· MXIV
Clause	Requirement + Test	IXIM	Result - Remark	Verdict
Mr.	12/2	- Maria	AHX. WHX	
	the reinforced insulation co	onsists of at least 3 layers	in h	N/A
AMXI	For class II constructions, are in contact with live par with reinforced insulation,	ts, not in direct contact	A BUXII P	N/A
	the reinforced insulation co	onsists of at least 3 layers	ANX	N/A
KIM A	An air layer not used as bainsulation in a double insulbe bridged by leaking liqui	lation system if likely to	WXIN ANXIN	N/A
, M	Requirement does not app heaters. (IEC 60335-2-35		MXIN ai	N/A
22.34	Shafts of operating knobs, live, unless	handles, levers etc. not	IXIN DIS	PA
AN	the shaft is not accessible removed	when the part is	IN APP.	N/A
22.35	For other than class III cor levers and knobs, held or a not becoming live in the evinsulation	actuated in normal use,	ANXIN ANXII	N/A
VIXI,	Such parts being of metal, fixings are likely to become failure of basic insulation, covered by insulation mater parts are separated from the supplementary insulation.	e live in the event of a are either adequately erial or their accessible	S WALL V.	N/A
11 ² A1	This requirement does not and knobs on stationary a appliances, other than the components, provided the to an earthing terminal or e separated from live parts by	opliances and cordless se of electrical y are reliably connected earthing contact, or	WALLY BUXIN	N/A ANX
VILLY.	Insulating material coverin and knobs withstand the e 16.3 for supplementary ins	lectric strength test of	ANXIN	N/A
22.36	For appliances other than continuously held in the ha constructed that when grip the operators hand is not lunless	and in normal use so ped as in normal use,	WXIN ANXIN	N/A
Klin	they are separated from liv	ve parts by double or	" YIN BLOW	N/A
2.37	Capacitors in class II appli accessible metal parts and metal, separated from acc	their casings, if of	My My M	N/A



11/2	MY	EN 60335-2-35	AM,	WHY!
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
My	la.	N.	VIA. VIX.	- 4
22.38	Capacitors not connected a thermal cut-out	ed between the contacts of	MXIM	Ally By
22.39	Lamp holders used only	for the connection of lamps	Y AL	N/A
22.40		be moved while in sessible moving parts, fitted the motor. The actuating	WXIN ANXIN	ANYA ANYA
MXIN	hazard, appliances for r with a switch for stoppin	y without giving rise to a emote operation being fitted	ANXIN ANX	N/A N/A
22.41	No components, other to mercury	nan lamps, containing	THE WAYING	N/A
22.42	Protective impedance conseparate components	onsisting of at least two	MXIN MXIN	N/A
Mr.	Values specified in 8.1.4 the components are sho open-circuited	not exceeded if any one of ort-circuited or	WAXIN WILL	N/A
VINY	Resistors checked by the IEC 60065	e test of 14.1 a) in	a ixin	N/A
Ar	Capacitors checked by capacitors in IEC 60384		VIN DIE	AN P
22.43	Appliances adjustable for accidental changing of the unlikely to occur	or different voltages, he setting of the voltage	WHY ANX	N/A
22.44	Appliances not having a or decorated like a toy	n enclosure that is shaped	Mr. My	N/A
22.45	When air is used as reir clearances not reduced in 29.1.3 due to deforma external force applied to	below the values specified ation as a result of an	IN ANXIN P	N/A
22.46	For programmable prote used to ensure complian software contains meas fault/error conditions in	nce with the standard, the ures to control the	MXIM MXIM	PN/A
ANXIN		ecified in table R.2 is to be articular constructions or to	ANXIN AN	N/A
IN AN	These requirements are used for functional purp clause 11	not applicable to software ose or compliance with	XIM AM	N/A



ind '		AL.	74.	My.
71,	WXIN THE	EN 60335-2-35	. Via.	DUY.
Clause	Requirement + Test	ANX"	Result - Remark	Verdict
22.47	Appliances withstand the in normal use. (IEC 6033	e water pressure occurring 35-2-35)	3 NAW YELL	PIN
ANX	Compliance is checked to (IEC 60335-2-35)	by subjecting the appliance	e to a water pressure of:	N/A
,	- twice the rated pressure (IEC 60335-2-35)	e, for closed water heaters	; AMA	N/A
XIM	- 0,15 MPa, for open-out (IEC 60335-2-35)	let water heaters.	MY!	N/A
				N/A
IN AN	The pressure is raised at	s maintained at that value	INH BUX DI	N/A
NXIN	Water shall not leak from shall be no permanent do extent that compliance w impaired. (IEC 60335-2-	vith this standard is	ANXIN ANXIN	AN)
22.49		e duration of operation is to	O ANXIN ANY	N/A
, All	the appliance switches o operate continuously with		VHXILI	N/A
22.50	Controls incorporated in over controls actuated by	the appliance take priority y remote operation	MXIN MXIN	N/A
YIL YIL	Requirement is not appli maximum temperature o cannot exceed 55 °C in r (IEC 60335-2-35)	f the water from the syster	" ANXIN ANXI	ALP.
W WAY	system exceeds 55 °C in requirement is not applic system is such that a sho water temperature control	cable provided that the ower outlet normal use	ANXIN ANXIN AN	AHXIN
HXIN	In the case of systems we the shower with the lower shall take precedence, the taking precedence over 1 (IEC 60335-2-35)	ne other shower outlets	ANXIN ANXIN	N/A
22.51	There is a control on the adjusted to the setting fo the appliance can be open	r remote operation before	IN ANXIN AN	N/A
A Ar	There is a visual indication appliance is adjusted for		NXIN IXIN	N/A
4/12		P	AT A PARTY OF THE	



711.	Mr. My	EN 60335-2-35	VI.a.	VHY.
Clause	Requirement + Test	NXIII	Result - Remark	Verdict
HXIN	These requirements not new without giving rise to a haza		at can operate as follows,	N/A
1812	- continuously, or	· · · · · · · · · · · · · · · · · · ·	WHY.	N/A
PLA,	- automatically, or	anxii	My.	N/A
	- remotely	Al-	AM AT	N/A
XIM A	Requirement is not applical maximum temperature of the cannot exceed 55 °C in nor (IEC 60335-2-35)	e water from the system	WXIN ANXIN	N/A
ANXIN	If the maximum temperature system exceeds 55 °C in no requirement is not applicable system is such that the showater temperature control to setting the system temperature.	ormal use then the le provided that the wer outlet normal use akes precedence in	THE WALL WAS	N/A
WXILY IL	In the case of systems with a shower with the lowest te take precedence, the other precedence over non-show (IEC 60335-2-35)	mperature setting shall shower outlets taking	ANXIN ANXIN	N/A
22.52 ANXII	Socket-outlets on appliance in accordance with the sock in the country in which the a	ket-outlet system used	A WAYING WAXIE	N/A
22.53	Class II appliances and classincorporate functionally ear double insulation or reinforclive parts and the functional	thed parts have at least ced insulation between	TXIN ANXIN AN	N/A
22.54	Button cells and batteries d accessible without the aid of	9	MY MY	N/A
VHXILI	the cover of their compartmafter at least two independence been applied simultaneous	ent movements have	MAIN MAN	N/A
22.55	Devices operated to stop the the appliance, if any, are be other manual devices by musurface texture or position.	e distinguished from eans of shape, size,	THE WAYN AND	N/A
My.	The requirement concerning preclude use of a push on p		MXIN CHXIN	N/A
31	An indication when the dev	ice has been operated is	given by:	N/A
MXIL	- tactile feedback from the a appliance, or	actuator or from the	Y WAY WAYIN	N/A
	- reduction in heat output; o	Mr. Whi	MXIM .	N/A
- 6	- audible and visible feedba	ck	AN AN	N/A
22.56	Detachable power supply p part of class III construction		SXII.	N/A



Mila	XIM	EN 60335-2-35	AM	VHXI.
Clause	Requirement + Test	e. PAXILA	Result - Remark	Verdict
22.57		metallic materials do not e to UV-C radiation, as	WAXIN WIN	N/A
y VL	This requirement does or similar materials	not apply to glass, ceramics	M MXIM	N/A
22.101	Rated pressure of clos 0,6 MPa (IEC 60335-2	sed water heaters is at least 2-35)	IXIN K. YIN A	Р
XIIA		sed water heaters intended to sure reducing valve is at least 2-35)		N/A
22.102	VOID (IEC 60335-2-3	5)	VI VI	N/A
22.103	3 I are supplied with a p	aving a capacity exceeding bressure relief device that ssure (IEC 60335-2-35)	IN ANXIN AN	N/A
IL	Compliance is checked subjecting the appliance pressure. (IEC 60335-	e to a slowly increasing water	KIN ANXING	N/A
MXIN		perates before the water ated pressure by more than (-35)	VHY. VIH VHXII.	N/A
22.104	so that the water flow is	ater heaters are constructed not limited to such an extent ojected to significant pressure 35-2-35)	A BUNNIN BUX	N/A
XIM A		ered to be met if the cross- ater outlet is not less than that i- 2- 35)	NXIN ANXIN	P
22.105	water flow, the heating	ers incorporating a flow cted so that if there is no element cannot be switched if if the water flow ceases.	ANXIN ANXIN	IL PL
, MY		with this sub clause relies on opliance is further tested as follows:		N/A
'HXILA	19.11.4.1 to 19.11.4.7 a The tests are carried ou	gnetic phenomena tests of are applied during the test. It with surge protective unless they incorporate spark	YNXIN YNXIN	N/A
ANXII	not be switched on, and	, the heating element shall d it is switched off without leases. (IEC 60335-2-35)	A MAN AMA	P



N DI	AM	ANXII	MY. MY	101
IL	My Mx.	EN 60335-2-35	AM	AMXII
Clause	Requirement + Test	MXIII	Result - Remark	Verdic
MXIN	b) The appliance is operated conditions in a) to g) of 19.1 and applied one at a time to (IEC 60335-2-35)	1.2 are then considered	A WAIN BUY	N/A
, A	If there is no water flow, the be switched on, and it is swi the water flow ceases. (IEC	tched off without delay if	ALXING IN	NAXIB,
XIN	One cycle consists of openir water tap. (IEC 60335-2-38		W. VIXII	N/A
ANXIN	If the electronic circuit is proshall contain measures to conditions specified in Table accordance with the relevan R. (IEC 60335-2-35)	ontrol the fault/error R.1 and is evaluated in	WAXIN WY	KIM N/A
22.106	Closed water heaters incorp that operates independently flow switch (IEC 60335-2-3	from a thermostat or	CIM ANXIN	N/A
MXIM	It is only possible to reset the removal of a non-detachable (IEC 60335-2-35)		WAXIN WAXI	N/A
NXI!	If the capacity does not exceincorporates a flow switch, a used instead of the thermal (IEC 60335-2-35/AMD1)	pressure switch, may be	ANXIN A	N/A
22.107	Water does not attain an exc normal use (IEC 60335-2-3		UN VIN	ALL P
YIN MIX	Appliance is operated at rate regulating valve is fully open adjusted so that flow switch the verge of operating (IEC	ed and the water flow is or pressure switch is on	WALLY VILLE	N/A
VINX.	Temperature of the outlet wathan 95 °C and (IEC 60335-		XIN DI	PP
ANY	not exceed the temperature more than 75 K (IEC 60335		IL VILL	AMA P
AXIN	For appliances intended to s showering the test is carried operation and with a water p Temperature of the water at exceed 55 °C (IEC 60335-2	out under normal pressure of 0,2 MPa. the outlet (°C) does not	MXIN ANXII	ANYPA
22.108	Outlet water of the appliance excessive temperature due in the water supply (IEC 603	to sudden pressure drop	ANXIN' AT	N/A
	D/1-	Mr. Kr		



14	12 /11	EN 60335-2-35	VILLY,	MXIII
Clause	Requirement + Test	LIV 00003-2-00	Result - Remark	Verdict
MIL	10	All The second	VIAN MALL	-1"
AMA	Appliance is supplied with v 0,4 MPa. It is operated at ra regulating valve adjusted so temperature is 25 K ± 1 K a temperature. Water pressur 0,2 MPa within 1 s (IEC 60)	ated power input with the that outlet water bove the inlet water e is then reduced to	IN WAXIN WAX	WXIN PIL
A Ki	Outlet water temperature do 25 K within 10 s (IEC 6033)		MXIN MXIN	P
SKILL SKIL	Outlet water temperature is fine-wire thermocouple place cylindrical receptacle having a height of 12 mm (IEC 603)	ced in centre of plastic g diameter of 30 mm and	ANXIN ANXIN	N/A
	Receptacle is positioned 25 (IEC 60335-2-35)	mm below shower head	ANXIN	N/A
IN AN	If compliance relies on the of the following conditions app		circuit, the test is repeated unde 35-2-35)	er N/A
Mr.	- the fault conditions in a) to one at a time to the electro (IEC 60335-2-35)		ANXIN AN MXIN	N/A
Mr.	- the electromagnetic pheno to 19.11.4.7 applied to the (IEC 60335-2-35)		WAXIN K.	N/A
	The outlet water temperature than 25 K within 10 s during tests. (IEC 60335-2-35)		in MXIN	N/A
XIN A	If the electronic circuit is proshall contain measures to conditions specified in Table accordance with the relevant R. (IEC 60335-2-35)	ontrol the fault/error e R.1 and is evaluated in	WXIN HUXIN	N/A ANXII
22.109	Water containers of open-on having a pressure switch no excessive internal pressure	ot rupture due to	WAXIN BY	N/A
W AN	- appliances having a weak ruptures when the pressur of clause 22.109.1 (IEC 60	e is excessive, by the tes	told WAXIN	N/A
NXIN	- appliances having other m pressure, by the tests of cl 22.109.3 (IEC 60335-2-3	lause 22.109.1 and	WXIN MXIN	N/A
	- appliances having heating (IEC 60335-2-35):	elements that	ANXIN MX	N/A
WHY	- rupture before the interna or (IEC 60335-2-35)	al pressure is excessive,	W WXIN	N/A
P.	- cannot be energized whe excessive (IEC 60335-2		All All A	N/A



By (IEC After and 22.109.1 Apprendiction of the and allowed and allowed allowe	quirement + Test the tests of clause 22.10 2 60335-2-35) er the tests, appliance of 16.2 (IEC 60335-2-35) cliance is filled with water pressure is to 60335-2-35) ak part shall be ejected of device operate, before the pressure has been wed to flow for period or open-circled and the inlet valve is rt-circuited and the inlet va	omplies with clauses 8 5) er, the water outlet being then steadily increased or rupture, or the pressure internal pressure 335-2-35) n relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	Result - Remark ng I sure -35)	Verdict
By (IEC After and 22.109.1 Apprendiction of the and allowed and allowed allowe	the tests of clause 22.10 (2 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35) For the pressure is to 16.2 (IEC 60335-2-35) For the pressure has been used to flow for period of 16.2 (IEC 60335-2-35) For the pressure has been used to flow for period of 16.2 (IEC 60335-2-35) For the pressure has been used to flow for period of 16.2 (IEC 60335-2-35) For the tests of clause 22.10 For the tests, appliance is the pressure is the 16.2 (IEC 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35)	omplies with clauses 8 5) er, the water outlet being then steadily increased or rupture, or the presse internal pressure 335-2-35) n relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	Result - Remark ng I sure -35)	N/A N/A N/A N/A N/A N/A
By (IEC After and 22.109.1 Apprendiction of the and allowed and allowed allowe	the tests of clause 22.10 (2 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35) For the pressure is to 16.2 (IEC 60335-2-35) For the pressure has been used to flow for period of 16.2 (IEC 60335-2-35) For the pressure has been used to flow for period of 16.2 (IEC 60335-2-35) For the pressure has been used to flow for period of 16.2 (IEC 60335-2-35) For the tests of clause 22.10 For the tests, appliance is the pressure is the 16.2 (IEC 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35) For the tests, appliance of 16.2 (IEC 60335-2-35)	omplies with clauses 8 5) er, the water outlet being then steadily increased or rupture, or the pressure internal pressure 335-2-35) n relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	sure -35)	N/A N/A N/A N/A N/A N/A
After and control of the control of	er the tests, appliance of 16.2 (IEC 60335-2-35) biliance is filled with water led. Water pressure is to 60335-2-35) ak part shall be ejected of device operate, before the pressure has been wed to flow for period or oliance is filled with water led and the inlet valve is rt-circuited or open-circuited or open-circuit	omplies with clauses 8 5) er, the water outlet being then steadily increased or rupture, or the pressure internal pressure 335-2-35) n relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	sure	N/A N/A N/A N/A N/A
After and control of the control of	er the tests, appliance of 16.2 (IEC 60335-2-35) biliance is filled with water led. Water pressure is to 60335-2-35) ak part shall be ejected of device operate, before the pressure has been wed to flow for period or oliance is filled with water led and the inlet valve is rt-circuited or open-circuited or open-circuit	omplies with clauses 8 5) er, the water outlet being then steadily increased or rupture, or the pressure internal pressure 335-2-35) n relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	sure	N/A N/A N/A N/A N/A
and 22.109.1 Appressed (IEC Verelia rear After allo units) 22.109.2 Appressed shounfared (IEC Verelia rear (IEC Verelia	oliance is filled with water led. Water pressure is to 60335-2-35) ak part shall be ejected at device operate, before thes 1,1 MPa (IEC 603) at the pressure has been wed to flow for period or oliance is filled with water led and the inlet valve is rt-circuited or open-circuited or	er, the water outlet being then steadily increased or rupture, or the pressure 335-2-35) In relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	sure	N/A N/A N/A N/A
We relie rear After allo 22.109.2 Appropriate Appropri	led. Water pressure is to 60335-2-35) ak part shall be ejected of device operate, before thes 1,1 MPa (IEC 603) or the pressure has been wed to flow for period or oliance is filled with water led and the inlet valve is rt-circuited or open-circuited or open-circu	or rupture, or the pressed internal pressure 35-2-35) n relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	sure - 35)	N/A N/A N/A
relie read After allo 22.109.2 Appropriate	ef device operate, before thes 1,1 MPa (IEC 603) or the pressure has been wed to flow for period or oliance is filled with water led and the inlet valve is rt-circuited or open-circuited or op	e internal pressure 335-2-35) n relieved, water is f 1 min (IEC 60335-2-er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	- 35) ng	N/A N/A
allo 22.109.2 Apr sea sho unfa Apr (IEC Hea unle 22.109.3 Apr outl ope (IEC Apr aml unti Apr	wed to flow for period or plance is filled with water led and the inlet valve is rt-circuited or open-circuited or open-	of 1 min (IEC 60335-2- er, the water outlet being s closed. Controls are cuited, whichever is mo 2-35)	ng AMA	N/A
Aproutl ope (IEC Apraml unti	led and the inlet valve is rt-circuited or open-circ avourable (IEC 60335- pliance is then operated C 60335-2-35)	s closed. Controls are cuited, whichever is mo 2-35)	in land	A AXIN
Heat unled u	2 60335-2-35) ating element ruptures v	at rated power input	MY	
unle unle life he and rear (IEC) 22.109.3 Approutition oper (IEC) Appramiunti			Mr.	XIM P
and rear (IEC) 22.109.3 Approut oper (IEC) Appramiunti	17/-			N/A
outl ope (IEC Apr aml unti	eating element ruptures the water pressure steaches 1,1 MPa. Pressure C 60335-2-35)	adily increased until it	421	N/A
aml unti	oliance is filled with wate et being sealed. Contro n-circuited, whichever i C 60335-2-35)	ols are short-circuited or	or Maxing Max	N/A
	oliance is placed as in a pient having a temperat I the water is frozen (IE	ture not exceeding -5 °C	C ANX	N/A
	oliance is then placed in rated at rated power inp			N/A
or a	ating element ruptures wany excessive pressure ans of a pressure relief on ment remains de-energ	shall be relieved by device, unless the heat	ting N	N/A
	oliance is switched off an perature (IEC 60335-2		om	N/A
If th rup pre: 1,1 (IEC	o booting class and record	ains de-energized or	. 127	N/A



JAIN		P. 10. 1107	AM' AM'	A
P	AM	Page 40 of 105	Shenzhen An-Xin Testing S Report No.: AXJC202	
TING	XIM MXIM	My		
M	VIA VI	EN 60335-2-35	TX11	11/1
Clause	Requirement + Test	LIV 00000-2-00	Result - Remark	Verdic
-VIP	riodanionioni rossi	YW,	Ald MA	Volum
WY.	If a pressure relief device ha appliance is connected to th period of 1 min with outlet st (IEC 60335-2-35)	e water supply for a	IN ANXIN A	N/A
2.110	Appliances for wall-mountin for fixing to a wall, independ the water mains (IEC 60335)	ent of the connection to	ANXING OF	MXIP
23	INTERNAL WIRING			47.
23.1	Wireways smooth and free	from sharp edges	La L	Р
MXIN	Wires protected against co fins etc.	ntact with burrs, cooling	ANXIII ANI	P
r	Wire holes in metal well-ro bushings	unded or provided with	ANXIN	A M KIN
Y AM	Wiring effectively prevented contact with moving parts	d from coming into	IN WIND	P
23.2	Beads etc. on live wires ca position, and are not resting		NAME AND AND	N/A
HXIL	Beads inside flexible metal within an insulating sleeve	conduits contained	VICE VICE VICE	N/A
23.3 ANXII	Electrical connections and movable relatively to each undue stress		IN WHY. W	A NAME OF
72	Flexible metallic tubes not insulation of conductors	causing damage to	ANX.	ANXIP
IN	Open-coil springs not used	I AM	MXII, MXIII	N/A
	Adequate insulating lining pring, the turns of which to		WIN WI	N/A
MXIN	No damage after 10 000 fle flexed during normal use, of		Alex Phys	Р
tu	100 flexings for conductors maintenance	flexed during user	ANX"	N/A
7 12	Electric strength test of 16. parts and accessible metal	parts	XIII ANXIN	PHXIM
IN MAN	Not more than 10 % of the broken, and	AMA	MXIII MXII	N/A
74.	not more than 30 % for wiri consume no more than 15	W	it ANN AN	N/A
23.4	Bare internal wiring sufficie	ently rigid and fixed	AL. AL	N/A
23.5	The insulation of internal w supply mains voltage withs		is with	N/A



IL	Li. My.	EN 60335-2-35	AMA	MXII
Clause	Requirement + Test	, NXIM	Result - Remark	Verdict
MYN	Mrs	ind ki	VL. VISE.	(4)
'X,	Basic insulation electrically insulation of cords complyin IEC 60245, or		ANXIN ANX	N/A
VI	no breakdown when a volta for 15 min between the con wrapped around the insulat	ductor and metal foil	MXIM	N/A
XIN A	For class II construction, the supplementary insulation at apply,		AXIN MAXIN	N/A
MXIN	except that the sheath of a IEC 60227 or IEC 60245 m supplementary insulation.		WANG WAXIN	N/A
	A single layer of internal win provide reinforced insulation		ANXIII AN	N/A
23.6	Sleeving used as supplemental internal wiring retained in puboth ends, or		THE WAYIN	MXIN
MXI	be such that it can only be cutting	removed by breaking or	ANXIN ANXIN	N/A
23.7	The colour combination greearthing conductors	en/yellow only used for	WIN IX	P
23.8	Aluminium wires not used f	or internal wiring	T K. VIE.	Р
23.9	Stranded conductors not co where they are subjected to unless		IN ANXIN	WXIIIP
M	the contact pressure is prov	vided by spring terminals	1x11	N/A
23.10 ANXIN	The insulation and sheath of incorporated in external host an appliance to the water me to that of light polyvinyl chlorord (60227 IEC 52)	ses for the connection of nains, at least equivalent	AIXIM AIXIM	PN/A
24	COMPONENTS			
24.1	Components comply with s relevant IEC standards	afety requirements in	The WALL	PA
1	List of components	MY	(see appended table)	Р
AXIM	Motors not required to com they are tested as part of the		THE WAY	N/A
•	Relays tested as part of the	appliance, or	JYIN JI	P
ANXII	alternatively acc. to IEC 60 additional requirements in I		y Die Wy	Р
Ar	The requirements of clause parts of components and adappliance		VIM BUX!! AT	N/A



Illa	My.	EN 60335-2-35	VI.	MXII
Clause	Requirement + Test	MXIIA	Result - Remark	Verdict
YLIXIN	Components can comply we clearances and creepage consultation in the relevant consultation in the relev	listances for functional	WHXILL WHY	WXIN PIT
APA	30.2 of this standard apply material in components inc non-metallic material supp connections	luding parts of	IN ANXIN	ANXIN
WIN IN	Components that have not to comply with the IEC star component are tested accorequirements of 30.2	ndard for the relevant	MANN MAXIN	N/A
ANY	Components that have bee comply with the resistance the IEC standard for the renot be retested provided thare met	to fire requirements in levant component need	SIM BUXIN W	ANXIN P A
lls,	If these conditions are not sis tested as part of the app		ANA LOS	N/A
NXIN	Power electronic converter comply with IEC 62477-1, the appliance		t WAY	N/A
ANX!	If components have not be comply with relevant IEC st of cycles specified, they are with 24.1.1 to 24.1.9	tandard for the number	IN MAIN P	N/A
XIM A	For components mentioned additional tests specified in standard are necessary oth in 24.1.1 to 24.1.9	the relevant component	DXIN ANXIN	N/A
ANXIN	Components not tested and relevant IEC standard and or not used in accordance under the conditions occurr	components not marked with its marking, tested	WAXING WA	XIM P
N ANY	Lampholders and starterho tested and found to comply standard, tested as a part of additionally according to the interchangeability requirements standard	with the relevant IEC of the appliance and e gauging and	XIM ANXIN	N/A
WXIII.	No additional tests specifie standardized plugs such as IEC/TR 60083 or connecto standard sheets of IEC 603	s those detailed in rs complying with the	WAXIN WAY	N/A
24.1.1	Capacitors likely to be pern supply voltage and used fo suppression or for voltage IEC 60384-14	r radio interference	XIM ANXIM	N/A



11	IXIN III	EN 60335-2-35	VI.	VHY.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MY	- All	- M	VIA. VIV.	
'L'	If the capacitors have to according to annex F	be tested, they are tested	WXIN .	N/A
24.1.2	Transformers in associat supplies comply with ann	ed switch mode power nex BB of IEC 61558-2-16	My My Ar	N/A
	Safety isolating transform IEC 61558-2-6	ners comply with	of Mary	N/A
KIN K	If they have to be tested, to annex G	they are tested according	HXIII WAXIN	N/A
24.1.3	Switches comply with IEC cycles of operation being	C 61058-1, the number of at least 10 000	with at	N P
VHX	If they have to be tested, to annex H	they are tested according	, XIM AIR	N/A
AN	If the switch operates a recomplete switching system	elay or contactor, the em is subjected to the test	VILL ALLA	N/A
11 N		0-2-10 with the number of as specified, the complete	PHYLH PHYLH	N/A
177.	Flow switches are tested operation (IEC 60335-2-3		JXIN A	N/A
MXII	Pressure switches for operand pressure switches for supply water for showerin 20 000 cycles of operation	r appliances intended to go only are tested for	H ANXIN AN	N/A
ring by	Pressure switches for oth tested for 50 000 cycles c (IEC 60335-2-35)		AXILY BUXILY	N/A
24.1.4	Automatic controls comp of cycles of operation be		ne relevant part 2. The number	er N/A
VIA	- thermostats:	10 000	(1)	N/A
-	- temperature limiters:	1 000	ANX"	N/A
ANY	119	ut-outs:300	11/2	N/A
7	- voltage maintained non-	VIA, PI	VEXIL	N/A
	- other non-self-resetting	thermal cut-outs: 30	412	N/A
11/4		3 000	YI.	N/A
		10 000	XIA	N/A
ANXIN	Thermal cut- outs incorpo heaters complies with the 2B controls in Clauses 13 IEC 60730-1, unless they appliance (IEC 60335-2-	rated in closed water requirements for type s, 15, 16, 17 and 20 of are tested with the	A PLANTIN PLANTING	ANXIN P
IM.	MY	M My	MXII	MXII



711.	My My	EN 60335-2-35	P	114.	VHY.
Clause	Requirement + Test	MXIII	Result - Remar	k and	Verdict
MXIN	If self-resetting thermal cut- number of cycles of operation			.107, the	N/A
MY	- 3000, for waters heaters in for showering (IEC 60335-2		NA BEEN	IN PLAY	Р
	- 1000, for other appliances	(IEC 60335-2-35)	AN	7.	N/A
XIN A	The number of cycles for coclause 11 need not be declared meets the requirements of the are short-circuited	ared, if the appliance	ANXIN	ANXIN	N/A
ANXIN	Thermal motor protectors at with their motor under the cannex D		A VAX.	4 ANXIII	N/A
IN ANY	For water valves containing incorporated in external hos appliance to the water main protection declared for subcIEC 60730-2-8 is IPX7	ses for connection of an s, the degree of	JUN ANX	MXIN AN	N/A
MXW	Thermal cut- outs of the cap the requirements for type 2. IEC 60730-2-9		WAXIIA	ANXIN	N/A
24.1.5	Appliance couplers comply	with IEC 60320-1	MXIII	11/11	N/A
ANX	However, for class II appliant than IPX0, the appliance co IEC 60320-2-3		14	MIN DIS	N/A
N PI	Interconnection couplers co IEC 60320-2-2	mply with	MXIN	JXIN A	N/A
24.1.6	Small lamp holders similar to comply with IEC 60238, the lampholders being applicab	requirements for E10	MXIN	VIA.	N/A
24.1.7	For remote operation of the telecommunication network for the telecommunication in appliance is IEC 62151	, the relevant standard	ANXII	A ANY	N/A
24.1.8	The relevant standard for th	ermal links is	VIII.	11/4	N/A
HXIM	Thermal links not complying considered to be an intention purposes of clause 19		NAXIN'	ANXIN	P
24.1.9	Contactors and relays, othe relays, tested as part of the		WAIN	MXIL	Р
VINY.	They are also tested in according of IEC 60730-1, the number in 24.1.4 selected according relay function in the applian	r of cycles of operations g to the contactor or		Thy Ar	N/A
24.2	Appliances not fitted with:	AM	NXII	TXIL	N/A



711.2	My MX	EN 60335-2-35	VL.	WAX
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MXI	H	N,	VIA. THY.	1
YW.	- switches, automatic contro flexible cords	ls or power supplies in	HXIN :	N/A
	- devices causing the protect wiring to operate in the ever appliance		H AN WALL AN	N/A
, A	- thermal cut- outs that can lunless	pe reset by soldering,	Why was	Р
XIL	the solder has a melding po	int of at least 230 °C	W. William	N/A
24.3 ANXIN	Switches intended for all-postationary appliances are disupply terminals and have a all poles, providing full discovervoltage category III con	ole disconnection of rectly connected to the a contact separation in onnection under	ANXIN ANXI	N/A
24.4	Plugs and socket-outlets fo circuits and heating elemen with plugs and socket-outle IEC/TR 60083 or IEC 60906 and appliance inlets comply sheets of IEC 60320-1	ts, not interchangeable ts listed in 6-1 or with connectors	THE WALLE WALL	N/A
24.5	Capacitors in auxiliary windi with their rated voltage and accordingly		ANXIN AIR	N/A
VLY	Voltage across capacitors in winding does not exceed 1, when the appliance is suppl voltage under minimum load	1 times rated voltage, ied at 1,1 times rated	A ANXIN	N/A ANXIN
24.6	Working voltage of motors of mains and having basic institution inadequate for the rated voltage at the exceeding 42 V	ulation that is	TANK ANXING	N/A
VINXIII	In addition, the motors comprequirements of annex I	oly with the	My My	N/A
24.7	Detachable hose-sets for co to the water mains comply v		IN PLANT	Р
7	They are supplied with the a	appliance	e, AXIII	N/A
MY	Appliances intended to be p to the water mains not conn hose-set		MXIN MXIN	N/A
24.8	Motor running capacitors in 30.2.3 is applicable and that connected in series with a necausing a hazard in event or	t are permanently notor winding, not	ANXIN ANX	N/A
	One or more of the following	g conditions are to be me	et: NXIII	N/A
AN	- the capacitors are of class IEC 60252-1	S2 or S3 according to	XIN NIN	N/A
VII.	his My	N. P.	VINY.	ANXII



	No.	ANL.	My. My	la.
IL	My My	EN 60335-2-35	AR	ANX"
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MXI	1112	W.	VIA. VINE.	N
YL,	- the capacitors are housed ceramic enclosure	within a metallic or	WIN .	N/A
	- the distance of separation adjacent non-metallic parts		IN AT	N/A
<i>"</i>	- adjacent non- metallic part withstand the needle-flame		ALIX.	N/A
IXIN F	- adjacent non-metallic part classified as at least V-1 ad IEC 60695-11-10		ANXIII ANXIII	N/A
24.101	Thermal cut- out or other pro- incorporated to comply with non- self resetting and, for m provide all- pole disconnection	clause 22.106 shall be nulti-phase appliances,	MAKE WAXE	N/A
IN AN	For bare-element water hea connected to power supply l with a non-polarized plug (II	by a supply cord fitted	XIN WAXIN P	N/A
MXIN	the thermal cut-out or other incorporated in the applianc disconnection (IEC 60335-2	e shall provide all-pole	ANXIN ANXIN	N/A
24.102	Thermal cut-out or other proincorporated for compliance closed water heaters having exceeding 1 l, shall maintain characteristics (IEC 60335-2)	with clause 22.106 in a capacity not its operating	IN ANXIN AN	XIII P
XIN AT	Appliance is supplied at rate under normal operation but operates during test of claus (IEC 60335-2-35)	with any control	HXIM ANXIM	ANXII
MXIN	Water flow is adjusted so the increases by approximately (IEC 60335-2-35)		ANXIN ANXI	N/A
L ANY	Thermal cut-out is caused to temperatures at which it ope and the mean value determine:	erates are measured	$\frac{1}{5} \sum_{i=1}^{5} x_i =$	N/A
	Thermal cut-out is subjected temperature fluctuation (IEC		MY Ale.	MP
MXIN	Each cycle consists of a var between the maximum value test of clause 22.107 and ha (IEC 60335-2-35)	e measured during the	ANXIN ANXIN	N/A
AMA	Thermal cut-out is then cau and the mean value of the to operates not deviate by mor value previously determined	emperatures at which it to than 20 % from mean	$\frac{1}{20}\sum x_i =$	N/A



111-	WIN W	EN 60335-2-35	AM	W/XII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
"HXIL	If the protective device is sappliance is not energized slowly increasing water pro	and is subjected to	WHAIL WAY	N/A
VL/X	Mean operating pressure of determined over five cycle		$\frac{1}{5}\sum_{i=1}^{5}x_{i}=$	N/A
P.	Protective device is subject pressure fluctuation (IEC 6		W I I	N/A
XIIA	Each cycle consists of a value between the rated pressur half this value (IEC 60335-	ariation in pressure e of the appliance and	TAIN VINE	N/A
ANXIN	Protective device is then c 20 times and the mean val it operates not deviate by mean value previously det (IEC 60335-2-35)	lue of pressures at which more than 20 % from the	$\frac{1}{20} \sum_{i=1}^{20} x_i =$ Deviation:	N/A
25	SUPPLY CONNECTION	AND EXTERNAL FLEXIB	LE CORDS	1/4/19
25.1	Appliance not intended for connection to the supply:	permanent connection to	fixed wiring, means for	N/A
14/11	- supply cord fitted with a pand voltage rating of the pathe corresponding ratings appliance	lug being not less than	WANTIN WAY	N/A
N	- an appliance inlet having of protection against mois appliance, or		IN ANXIN	ANXIN
	- pins for insertion into soc	cket-outlets	11×11/2	N/A
25.2	Appliance not provided wir of connection to the suppl		VIN VIA	N/A
ANXIN	Stationary appliance for m provided with more than o provided electric strength between each means of co breakdown	ne means of connection, test of 1250 V for 1 min	ANXIN AN	N/A ANXIN
25.3	Appliance intended to be pof the following means for			n one P
1 40	- a set of terminals allowin flexible cord	g the connection of a	MXIN MX	N/A
MX.	- a fitted supply cord	Mr. My	· · · · · · · · · · · ·	P
JXIK	- a set of supply leads acc	ommodated in a suitable	ANXII	N/A
W AL	- a set of terminals for the fixed wiring, cross-section 26.6, and the appliance al the supply conductors after fixed to its support	al areas specified in lows the connection of	TXIN ANXIN	N/A



71,	III MY	EN 60335-2-35	VIA.	WHY.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
WXIII	- a set of terminals and ca entries, knock-outs or gla of appropriate types of ca appliance allows the conr	ands, allowing connection able or conduit, and the nection of the supply	ALL ALIXIN ALL	N/A
	conductors after the appli support	ance has been fixed to its	MXIL	MXIN
	For a fixed appliance con be removed to facilitate e requirement is met if it is fixed wiring without difficu appliance has been fixed	possible to connect the lilty after a part of the	MXIM MXIM	N/A
25.4	Cable and conduit entries appliance not exceeding to table 10 (mm)	s, rated current of 16 A, dimension according	NAW WA	N/A
W ANY	Introduction of conduit or clearances or creepage of specified in clause 29		THE MENT	N/A
25.5	Method for assembling th	e supply cord to the applia	ince:	Р
la.	- type X attachment	AM	MX" WX	N/A
NX.	- type Y attachment	All IN	No.	P.
-15	- type Z attachment, if allo	owed in relevant part 2	MXIII	N/A
AMXII	Type X attachment, other specially prepared cord, r cords	than those with a not used for flat twin tinsel	IN MAIN P	N/A
YIN AT	For multi- phase applianc cord and that are intende connected to fixed wiring assembled to the applian	d to be permanently the supply cord is	WXIN MAXIN	N/A
25.6	Plugs fitted with only one	flexible cord	WXIII	N/A
25.7	Supply cords, other than	for class III appliances, bei	ing one of the following typ	es: P
1	- rubber sheathed (at lea	st 60245 IEC 53)	"MXIII	N/A
M	- polychloroprene sheathe	ed (at least 60245 IEC 57)	'M' '	N/A
4		ned. Not used if they are liked ing 75 K during the test o		aving N/A
All F	- light polyvinyl chlorid IEC 52), for appliance	e sheathed cord (60227 s not exceeding 3 kg	WALLY WALL	P
Yr.	- ordinary polyvinyl ch (60227 IEC 53), for ot		WALL IN	N/A
ANXIE	- heat resistant polyvinyl of than specially prepared c	chloride sheathed. Not use ords	d for type X attachment ot	her N/A
AN	- heat- resistant light p cord (60227 IEC 56), t exceeding 3 kg	olyvinyl chloride sheathed for appliances not	All AMA	N/A



1114	III MY	EN 60335-2-35	AM	MXII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MY	An	P.	VIA. VIA.	, N
'W'	- heat- resistant polyvi (60227 IEC 57), for ot	nyl chloride sheathed cord her appliances	MXIM	N/A
14/11	- halogen-free, low smok	e, thermoplastic insulated a	and sheathed	N/A
1	- light duty halogen-fr cable (62821 IEC 101 (62821 IEC 101f) for f) for circular cable and	E ANXIN	N/A
XIM		en-free low smoke flexible) for circular cable and lat cable	WALL BANKIE	N/A
MXIN	Supply cords for class III insulated	appliances adequately	ANXIII AN	N/A
<i>b</i> .	Test with 500 V for 2 min class III appliances that c		ANXIN	N/A
25.8	Nominal cross-sectional less than table 11; rated cross-sectional area (mn	current (A);	THY WAXIN	PHXIM
25.9	Supply cords not in conta edges	act with sharp points or	MXIN MX	N/A
25.10	Supply cord of class I ap green/yellow core for ear		NXIN K	NIN PI
AMXII	In multi-phase appliance conductor of the supply of	s, the colour of the neutral ord is blue	J RIC IN P	N/A
į.	Where additional neutral	conductors are provided in	the supply cord:	N/A
in Al	- other colours may be us neutral conductors;	sed for these additional	JAIN JAIN	N/A
11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- all of the neutral conductor are identified by marking notation specified in IEC	using the alpha numeric	WAIN MA	N/A
VHX	- the supply cord is fitted	to the appliance	, al Pi	N/A
25.11	Conductors of supply cor soldering where they are pressure, unless		IN ANXIII	N/A
N	the contact pressure is p	rovided by spring terminals	MXIII	N/A
25.12	Insulation of the supply c moulding the cord to part		NXIN IXIN	N P
25.13	Inlet openings so construto the supply cord	cted as to prevent damage	"Ally by	P
AMXIN	If it is not evident that the introduced without risk of non-detachable lining or 29.3 for supplementary in	damage, a bushing complying with	ANXIN A	N/A
1 AR	If unsheathed supply corbushing or lining is requir	d, a similar additional red, unless the appliance is	MIX! MIX!	N/A



	WIN I	EN 60335-2-35	VI.	VHV.
Clause	Requirement + Test	MXIII	Result - Remark	Verdic
IXIN	112	ind i	VIL. VILY.	7.5
TL.	class 0, or	MXIII WIN	MY	N/A
	a class III appliance not	containing live parts	Why.	N/A
25.14	Supply cords moved wh protected against exces	ile in operation adequately sive flexing	N WAY	N/A
	Flexing test, as describe	ed:	VI.	N/A
P	- applied force (N)	MXIII	1/1/2 1/1/2	N/A
YIL	- number of flexings	IN P	V. VIV.	N/A
,	The test does not result	in:	in Mr.	N/A
VIXILA	- short-circuit between the current exceeds a vacurrent	he conductors, such that alue of twice the rated	VINN VINN	N/A
AN	- breakage of more than conductor	10% of the strands of any	IN AN A	N/A
H	- separation of the condu	uctor from its terminal	VIII.	N/A
	- loosening of any cord	guard	12 MILE	N/A
Mr.	- damage to the cord or	the cord guard	VHX MXIII	N/A
Hy.	- broken strands piercino becoming accessible	g the insulation and	MXIM	N/A
25.15	be permanently connect	of the supply cord relieved	ALL WATER BY	ANXIN
TIL		hed into the appliance to cord or internal parts of the ged	SILL BUXE	4 ANDY
NIXI	Pull and torque test of s	upply cord:	VIAN VINX	Р
VIA	- fixed appliances: pull 1 automatic cord reel) (Nn		WXW.	N/A
Y ANY		es shown in table 12: mass t on automatic cord reel)	pull 60 N; 0.25Nm	P
1 1/2	Cord not damaged and the cord	max. 2 mm displacement of	0.89mm	Р
25.16	Cord anchorages for typ	e X attachments constructed	d and located so that:	N/A
- 1	- replacement of the cor	d is easily possible	L. 141/2	N/A
MXII	- it is clear how the relief prevention of twisting ar	f from strain and the	Y MAY	N/A
		ferent types of supply cord	WHY.	N/A
Ar	- cord cannot touch the	clamping screws of cord	KIN MIN	N/A



111-	WIN W	EN 60335-2-35	". VI	WAXII
Clause	Requirement + Test	MXIL	Result - Remark	Verdict
My	Ш	N.	VIA. VI	T. N.
	they are separated from supplementary insulation	accessible metal parts by	MXIM	N/A
MY	- the cord is not clamped bears directly on the cord		KIN AN	VIV. b
	- at least one part of the fixed to the appliance, ur	cord anchorage securely nless	N AMX	MALP
in P	it is part of a specially pro	epared cord	William IX	N/A
	- screws which have to b the cord do not fix any ot	e operated when replacing ther component, unless	g	APIX
AHXIN	the appliance becomes in the parts cannot be remo	noperative or incomplete o	or All A	N/A
-	- if labyrinths can be bype nevertheless withstood	assed the test of 25.15 is	ANXIII	N/A
W DI	- for class 0, 0l and l app insulating material or are insulating lining, unless		ASILA MASILA	N/A
NIXI	failure of the insulation of accessible metal parts liv	f the cord does not make ve	MXIII AN	N/A
11.	- for class II appliances the material, or	hey are of insulating	MXIN	N/A
MIX	if of metal, they are insul parts by supplementary i	ated from accessible metainsulation	ALV.	N/A
'A Pi	After the test of 25.15, ur specified, the conductors than 1 mm in the terminal	s have not moved by more	WALL DES	N/A
25.17	Adequate cord anchorag attachment, test with the appliance		type Y	IXIN AP
25.18	Cord anchorages only action, or	ccessible with the aid of a	1 IXIN A	N/A
AN	Constructed so that the of the aid of a tool	cord can only be fitted with	Ally Ples	N/A
25.19	Type X attachment, glan anchorage in portable ap		ANXII	N/A
MIXI	Tying the cord into a kno string not used	ot or tying the cord with	Wills out	N/A
25.20	The conductors of the su attachment insulated from	upply cord for type Y and Z m accessible metal parts	MXIM	N/A
25.21	Space for supply cord for constructed:	r type X attachment or for	connection of fixed wiring	g N/A
, Al		onductors with respect to connection before fitting an	A YIN AMA	N/A
42	155.0		Lo.	



		EN 60225 2 25		
		EN 60335-2-35	 	Wyx.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MY	· let	N.	VIA. VIII.	- 4
VL,	- so there is no risk of dama their insulation when fitting t		-11/14	N/A
	 for portable appliances, so end of a conductor, if it becond terminal, prevented from conductor metal parts 	omes free from the	N ANXIN A	N/A
A MIN	2 N test to the conductor for contact with accessible meta		AXIN MAXIN	N/A
25.22	Appliance inlets:	My	111	Р
MXIN	- live parts not accessible du removal	uring insertion or	VINXU VIN	P P
, ·	Requirement not applicable complying with IEC 60320-1		ANXIN	N/A
	- connector can be inserted	without difficulty	IN MI	N/A
N	- the appliance is not suppor	ted by the connector	ANXII	N/A
la.	- not for cold conditions if ter metal parts exceeds 75 K du		MXIN WAIT	N/A
NXII	the supply cord is unlikely to	touch such metal parts	L. VIZ.	N/A
25.23	Interconnection cords comp	ly with the requirements	for the supply cord, except	that: N/A
MX	- the cross-sectional area of determined on the basis of t during clause 11		3 MY MY	N/A
~	- the thickness of the insulat	ion may be reduced	. N	N/A
XILA .	- for class I or class II applia construction, the cross secti conductors need not comply conditions are met	onal areas of the	TXIN ANXIN	N/A
"MXILL	If necessary, electric strengt	th test of 16.3	Vi. Visi	N/A
25.24	Interconnection cords not de aid of a tool if compliance w impaired when they are disc	ith this standard is	M MAXIM	N/A
25.25	Dimensions of pins that are socket-outlets compatible w the relevant socket-outlet.		THE BUXING	N/A
HXIN	Dimensions of pins and eng accordance with the dimens plug in IEC/TR 60083		THE WAY	N/A
26	TERMINALS FOR EXTERN	IAL CONDUCTORS		
26.1	Appliances provided with tereffective devices for connection conductors		AHXIN .	N/A
VIM DI	Terminals only accessible a non-detachable cover, exce		XIN ANXIN	PIXIT



- K.	VI.	Wy.	1XIIA XIM	40
1114	My Mx	EN 60335-2-35	PL,	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MXIN	1111	W.	VIL.	- 1
YL,	for class III appliances that	do not contain live parts	' AN	N/A
	Earthing terminals may be a required to make the conne provided to clamp the wire connection	ctions and means are	IN WAYN WAY	N/A
26.2	Appliances with type X atta for the connection of cables with terminals in which conmeans of screws, nuts or si	of fixed wiring provided nections are made by	MXIN WHILL	N/A
	the connections are soldered	ed MX	11/12	N/A
VHXILA	Screws and nuts not used t component, except	o fix any other	AIN AM	N/A
AM	internal conductors, if so ar unlikely to be displaced who conductors		THY WHY.	N/A
ila.	If soldered connections use positioned or fixed that relia soldering alone, unless	·	MY MAY MY	N/A
WXIII	barriers provided so that ne creepage distances betwee metal parts reduced below supplementary insulation if free at the soldered joint	n live parts and other the values for	W ANXIN ANX	N/A
26.3	Terminals for type X attach of cables of fixed wiring so conductor is clamped betwee sufficient contact pressure the conductor	constructed that the een metal surfaces with	WXIN ANXIN	N/A
	Terminals fixed so that whe	n the clamping means is	s tightened or loosened:	N/A
IXIN	- the terminal does not beco	ome loose	My WHY	N/A
Dis	- internal wiring is not subje	cted to stress	Mr.	N/A
ANY	- neither clearances nor cre reduced below the values in		My Arth	N/A
11th	Compliance checked by ins of subclause 9.6 of IEC 609 applied being equal to two-specified (Nm)	999-1, the torque	WXIN WXIN	N/A
HX	No deep or sharp indentation	ons of the conductors	Z, Z,	N/A
26.4 ANXIII	Terminals for type X attach having a specially prepared connection of cables of fixe preparation of conductors s of cable lugs, eyelets or sin	l cord and those for the d wiring, no special uch as by soldering, use	U WAXIN WAX	N/A



	Mr My	EN 60335-2-35	VL.	WHY.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
YUXIL	so constructed or placed the from slipping out when clam tightened		VIAXIN VIAX	N/A
26.5	Terminals for type X attachr shielded that if a wire of a s escapes, no risk of accident parts that result in a hazard	tranded conductor	M ANXIN	N/A
M	Stranded conductor test, 8 i	mm insulation removed	MXIII	N/A
7	No contact between live part parts and,	ts and accessible metal	N/W E	N/A
VIXIL	for class II constructions, be metal parts separated from by supplementary insulation	accessible metal parts	MXIN AN	N/A
26.6	Terminals for type X attachr of cables of fixed wiring suit conductors with cross-secti table 13; rated current (A); r area (mm²)	able for connection of onal area according to	THE BUXIN	N/A
HXIN	If a specially prepared cord only be suitable for that cord		VLY VINX	N/A
26.7 ANXII	Terminals for type X attachr appliances not containing livafter removal of a cover or p	e parts, accessible	A PLYXILL BY	N/A
26.8	Terminals for the connection including the earthing termine each other		ALL ALLEN	N/A
26.9	Terminals of the pillar type of as specified	constructed and located	LANK MARKET	N/A
26.10	Terminals with screw clamp terminals not used for flat to		WALLE WALL	N/A
Vis.	conductors ends fitted with screw terminals	means suitable for	MXIM	N/A
ANY	Pull test of 5 N to the conne	ction	12	N/A
26.11	For type Y and Z attachmer crimped or similar connection		ALIXII.	N/A
MXIM	For class II appliances, the or fixed that reliance is not puelding or crimping alone		THEY BUSH	N/A
ANXIN	If soldering, welding or crim barriers provided so that cle distances between live parts are not reduced below the v supplementary insulation if free	arances and creepage s and other metal parts values for	ANXIN AN	ANXIN
27	PROVISION FOR EARTHI	NG		71



	III MXI	EN 60335-2-35	AM	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
27.1	Accessible metal parts of	class 0I and I appliances	VIA. VIA.	P
- XI	permanently and reliably terminal or earthing conta	connected to an earthing	ANXIN ANX	rly
AM	Earthing terminals and eaconnected to the neutral t		IN MAIN	P
, A	Class 0, II and III appliand protective earthing	ces have no provision for	willy k.	N/A
XIIA	Class II appliances and c incorporate an earth for fu		AND AND A	N/A
MXIN	Safety extra-low voltage unless	circuits not earthed,	VILXII VIXII	N/A
P.	protective extra-low volta	ge circuits	· KIN	N/A
IN ANY	For class I appliances, the element shall be permane connected to the earthing (IEC 60335-2-35)	ently and reliably	TH BUT BY	P
WXIN	- container is provided of metal, which are per connected to the earth (IEC 60335-2-35)		ANXIN ANXIN	N/A
		al parts of the container in permanently and reliably ing terminal	A BUNNIN WAY	N P
YIM YI	For class I bare-element enters and leaves through permanently and reliably terminal or flow over metal earthed (IEC 60335-2-35	n metal pipes that are connected to the earthing all parts that are similarly	JXIM MXIM	N/A ANXII
27.2	Clamping means of earth secured against accidenta		ALL ART	PAT
	Terminals for the connect equipotential bonding cor of conductors of 2,5 to 6 in	ductors allow connection	ALL ALLE. IN AL	P
L ₂	- do not provide earthing different parts of the appli		IN ANY	PMA
1XIL	- conductors cannot be lo a tool	osened without the aid of	VILY. VIXIN	PNY
MXIK	Requirements not applica and class III appliances the for functional purposes		WHALL BUX	N/A
27.3 AN			WXIN VHXIN	N/A



71,	WIN WIN	EN 60335-2-35	VI.e.	VHV.
Clause	Requirement + Test		Result - Remark	Verdict
ML	10	P.	VIL. OUR	
YUN.		ly cords, current-carrying before earthing conductor, e cord anchorage	ANXIN ANX	N/A
VI	Requirements not applica and class III appliances t for functional purposes	able to class II appliances hat incorporate an earth	HA WAIN	N/A
27.4		Iting from contact between ninal and the copper of the ner metal	HXILY HXILY	P
MXIN	Parts providing earthing of a metal frame or encloresistance to corrosion	continuity, other than parts sure, have adequate	WAXING WAXING	Р
2/2	If of steel, these parts pro electroplated coating with	ovided with an n a thickness at least 5 μm	ANXING AN	N/A
W Vie	Adequate protection aga coated or uncoated steel or transmit contact press	, only intended to provide	KIN ANXIN	N/A
NXIN	In the body of the earthin frame or enclosure of alu alloys, precautions taken		MXIN ANXIN	P
ANXII	Requirements not applica and class III appliances t for functional purposes	able to class II appliances hat incorporate an earth	A BUXING BUX	N/A
27.5	Low resistance of connecterminal and earthed me		AMXIII P	WYIP
TIN K	This requirement does no providing earthing continextra-low voltage circuit, basic insulation are base the appliance	uity in the protective provided the clearances of	WXIN WXIN	N/A
VILLE.	Requirements not applica and class III appliances t for functional purposes	able to class II appliances hat incorporate an earth	ANXIN AN	N/A
4 PLA	Resistance not exceeding low-resistance test (Ω)	g 0,1 Ω at the specified	0.04Ω	P
27.6	The printed conductors of used to provide earthing appliances.	of printed circuit boards not continuity in hand-held	MXIN MXIN	N/A
WAXIL			ANXIN ANXI	N/A
AT	Requirements not applica and class III appliances t for functional purposes	able to class II appliances hat incorporate an earth	VILL BUXILLY BY	N/A
	SCREWS AND CONNEC			- 47

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ESTING AND	MXI	NA P

		EN 60335-2-35		
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MIN	M	N. S.	VIA. VINS.	. 4
28.1	Fixings, electrical connect providing earthing continustresses		ANXIN	KIN P
V.	Screws not of soft metal li zinc or aluminium	able to creep, such as	M MXIM	Z/N
	Diameter of screws of ins	ulating material min. 3 mm	"M	N/A
XIM	Screws of insulating mate electrical connections or cearthing continuity		MXIII ANXIN	N/A
ANXIN	Screws used for electrical connections providing ear into metal		MAN MA	N/A
AN	Screws not of insulating n replacement by a metal su supplementary or reinforce	crew can impair	THE BUYER	N/A
WXIL	For type X attachment, so replacement of supply commaintenance, not of insular replacement by a metal so insulation	d or for user ating material if their	ANXIN ANXIN	N/A
11/10	For screws and nuts; torotable 14	que-test as specified in	(see appended table)	XIV P
28.2	Electrical connections and earthing continuity construpressure is not transmitter insulating material liable to	ucted so that contact d through non-ceramic	XIM ANXIM	ANXIN
rily	there is resiliency in the m compensate for shrinkage insulating material		IXIN BUXE	N/A
AHXIM	This requirement does no for which:	t apply to electrical connec	tions in circuits of appliance	s N/A
tu.	- 30.2.2 is applicable a exceeding 0,5 A	nd that carry a current not	ANXII P	N/A
Y K	- 30.2.3 is applicable a exceeding 0,2 A	nd that carry a current not	VII. VINXIN	N/A
28.3	Space-threaded (sheet melectrical connections if the together	etal) screws only used for ey clamp the parts	THXIN WASH	N/A
ANXIE	Thread-cutting (self-tapp rolling screws only used for they generate a full form sthread	or electrical connections if	ANXIN AN	N/A
	Thread-cutting (self-tapp they are likely to be opera	ing) screws not used if ited by the user or installer	AMA	N/A



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Ila	In: My.	EN 60335-2-35	71-	VINI	"H"	111
Clause	Requirement + Test	MXII	Result - Re	emark	Ve	rdict
WALL	Thread-cutting, thread rolling connections providing earthic connection:					I/A
VHX	- in normal use,	NXIII	NA	411	N	I/A
	- during user maintenance,	VI,		MXII	N.	I/A
in P	- when replacing a supply co attachment, or	ord having a type X	MXIN		IM MI	I/A
All and a second	- during installation	la:	P	, Du	N	I/A
NXIN	At least two screws being us providing earthing continuity		on ANXII	,4	WXW V	I/A
VI.	the screw forms a thread had half the diameter of the screen		est	IXIN	N/MV	I/A
28.4 AN	Screws and nuts that make is secured against loosening if electrical connections or conearthing continuity	they also make	on and a	ANXIN	ANY N	I/A
MIXIN	This requirement does not a earthing circuit if at least two		ANXIN	AN	XIN	I/A
11-	if an alternative earthing circ	uit is provided		M	N Kar	I/A
ANXII	Rivets for electrical connection providing earthing continuity loosening if the connections torsion	secured against	The View	NXIN	ANXII N	I/A
29	CLEARANCES, CREEPAG	E DISTANCES AND	SOLID INSUL	.ATION		
KIN	Clearances, creepage distar insulation withstand electrical		Var.	AMX	N AT	P
ANXIN	For coatings used on printed protect the microenvironmen basic insulation (Type 2), an	it (Type 1) or to provid	de ANXIII	P	WXIN V	I/A
	The microenvironment is pol type 1 protection	lution degree 1 under	r An	XIII	MXIN	I/A
W N	For type 2 protection, the specific conductors before the protections than the values specific IEC 60664-3	ction is applied is not	NXIN	ANXIN	IN PLAY	I/A
MXIM	These values apply to function supplementary and reinforce		7/2,	N AM	N	I/A
29.1	Clearances not less than the table 16, taking into account voltage for the overvoltage cunless	the rated impulse		nded table)	VINXIN	Р
AT	for basic insulation and func- comply with the impulse volt-		ALL P		AMAIN	I/A



71,	TIME THE	EN 60335-2-35	AR.	WY.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
" WAY!	However, if the distances distortion, movement of the assembly, the clearances voltages of 1500 V and all 0,5 mm and the impulse vapplicable	ne parts or during for rated impulse bove are increased by	H BUXIN BUX	N PIN
XIN A	For appliances intended f exceeding 2 000 m, the cincreased according to the values in Table A.2 of IEC	learances in Table 16 is e relevant multiplier	MXIN AMXIN A	N/A
la.	Impulse voltage test is no	t applicable:	MXIII MXIII	N/A
VMX	- when the microenvironm or	ent is pollution degree 3,	Why By	N/A
AM	- for basic insulation of cla appliances, or	ass 0 and class 01	IN AR AN	N/A
M	- to appliances intended for exceeding 2 000 m	or use at altitudes	MAN	N PIN
	Appliances are in overvol	tage category II	MXIM WIN	N/A
UXIII	A force of 2 N is applied to than heating elements	o bare conductors, other	W. W.	N/A
1/2.	A force of 30 N is applied	to accessible surfaces	Why Why	Р
29.1.1	Clearances of basic insula overvoltages, taking into a voltage	ation withstand the account the rated impulse	ANXIN AT	P
UN P	The values of table 16 or clause 14 are applicable	the impulse voltage test of	(see appended table)	P
Mr.	Clearance at the terminal heating elements may be microenvironment is pollu	reduced to 1,0 mm if the	ANXIN MIXIN	N/A
Alle	Lacquered conductors of bare conductors	windings considered to be	MXIM	M PA
29.1.2	Clearances of supplement than those specified for be		(see appended table)	P
29.1.3	Clearances of reinforced those specified for basic i using the next higher step		(see appended table)	MP
ANXII	For double insulation, with conductive part between linsulation, clearances are parts and the accessible system is treated as reinfo	pasic and supplementary measured between live surface, and the insulation	ANXIN ANXIN	P.
29.1.4	Clearances for functional	insulation are the largest va	alues determined from:	N/A
7.0	- table 16 based on the ra	ted impulse voltage	(see appended table)	N/A



N Pi	ARI	WAY!	XIL XIM	by
111.	Mr Mx.	EN 60335-2-35	AR	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MAIN	112	'y L.	VIA. VIV.	1.04
Yla,	- table F.7a in IEC 60664-1, exceeding 30 kHz	frequency not	WXIN	N/A
ANXI	- clause 4 of IEC 60664-4, f 30 kHz	requency exceeding	H K. AR	N/A
	If values of table 16 are larg test of clause 14 may be ap		ed ANX	N/A
in h	the microenvironment is pol	ution degree 3, or	MXIII TXIII	N/A
K.	the distances can be affecte movement of the parts or du		NA PIL	N/A
MXIM	However, clearances are no appliance complies with clau functional insulation short-c	use 19 with the	ALL ALLX	N/A
AMY	Lacquered conductors of wi	ndings considered to be	IN MA	Р
IN.	However, clearances at crosmeasured	ssover points are not	NA PARK	WAN
NIN	Clearance between surface elements may be reduced to		MXIII	N/A
29.1.5	Appliances having higher we insulation are the largest va		ed voltage, clearances for bas	ic N/A
VHX	- table 16 based on the rate	d impulse voltage	A PI	N/A
,	- table F.7a in IEC 60664-1, exceeding 30 kHz	frequency not	ANXIII	N/A
VIM DI	- clause 4 of IEC 60664-4, f 30 kHz	requency exceeding	THE STATE	N/A
ANXIN	If clearances for basic insula Table F.7a of IEC 60664-1 IEC 60664-4, the clearance insulation are not less than t insulation	or clause 4 of s of supplementary	ANXIN ANXIN	N/A
M ANX	If clearances for basic insula Table F.7a of IEC 60664-1, reinforced insulation dimens Table F.7a are to withstand voltage required for basic in	the clearances of ioned as specified in 160 % of the withstand	THE WAYING WE	N/A ANXIN
MXIM	If clearances for basic insular clause 4 of IEC 60664-4, the reinforced insulation are two basic insulation	e clearances of	MAIN MAIN	N/A



		EN 60335-2-35		
Clause	Requirement + Test	MXIIA	Result - Remark	Verdict
ANXII	If the secondary winding of transformer is earthed, or screen between the prima windings, clearances of basecondary side not less that table 16, but using the next table 16.	if there is an earthed ry and secondary asic insulation on the an those specified in	H BUXIN BUX	N/A
XIN A	impulse voltage Circuits supplied with a voltage, clearances of funbased on the working voltage in table 15	ctional insulation are	MXW VWXW	N/A
29.2	Creepage distances not le for the working voltage, ta material group and the po	king into account the	(see appended table)	P
. 47	Pollution degree 2 applies	, unless	Y BIS AL	N/A
IN X	- precautions taken to prot pollution degree 1	ect the insulation;	THE WAYING	N/A
(N)	- insulation subjected to copollution degree 3	onductive pollution;	MXIN WIN	N/A
NX.	A force of 2 N is applied to than heating elements	bare conductors, other	WIN PLAN	N/A
11/11	A force of 30 N is applied	to accessible surfaces	VIN VIN	N/A
Ar.	In a double insulation syst for both the basic and sup taken as the working volta double insulation system	plementary insulation is	ANXIN ANXIN	n/XIIP
29.2.1	Creepage distances of batthan specified in table 17	sic insulation not less	(see appended table)	PUBL
ANXIN	However, if the working vo a frequency exceeding 30 distances are also determ IEC 60664-4, these value the values in table 17	kHz, the creepage ined from table 2 of	ANXIN ANXIN	N/A
H AR	Except for pollution degree creepage distance not less specified for the clearance clearance has been check of clause 14	s than the minimum e in table 16, if the	MXIN ANXIN	N/A
29.2.2	Creepage distances of sur least those specified for be or		(see appended table)	N PN
MXIII	Table 2 of IEC 60664-4, a	s applicable	N. VI	N/A
29.2.3	Creepage distances of rei double those specified for 17, or		(see appended table)	4XIVP
MI	Table 2 of IEC 60664-4, a	s applicable	or with	N/A



111-	MXIN	EN 60335-2-35	V.	W.X.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
29.2.4	Creepage distances of fi	unctional insulation not less	(see appended table)	P
ANX!	a frequency exceeding 3 distances are also deter		N ANXIN	N/A N/A
XIN	Creepage distances ma appliance complies with functional insulation sho	clause 19 with the	ANXIII	ARX'
29.3	Supplementary and rein adequate thickness, or a layers, to withstand the	a sufficient number of	MAN AN	W P
2	Compliance checked:	10	VI,	ANN P
VI VIA	- by measurement, in ac	cordance with 29.3.1, or	Mr. Mr	P
	- by an electric strength 29.3.2, or	test in accordance with	UM AMA	N/A
WXIN	- for insulation, other tha wiring insulation, by an quality of the material co strength test, in accorda	assessment of the thermal ombined with an electric	VIXIN VIX	N/A
VIX	for accessible parts of reconsisting of a single lay accordance with 29.3.4,	ver, by measurement in	3 K SHAIN P	N/A
YIN A			OXIN ANXIN	N/A ANX
VHXILI		se 6.3 of IEC 60664-4 for ed to any periodic voltage eding 30 kHz	VIS VIN VIN	N/A
29.3.1	Supplementary insulatio least 1 mm	n have a thickness of at	IL KILL	APV P
4	Reinforced insulation ha 2 mm	ve a thickness of at least	IN AME.	ANYP
29.3.2	Each layer of material w strength test of 16.3 for	ithstand the electric supplementary insulation	MXII ANX	N/A
-115	Supplementary insulatio layers	n consist of at least 2	WAIN.	N/A
VHY	Reinforced insulation co	nsist of at least 3 layers	La L	N/A
29.3.3	The insulation is subject IEC 60068-2-2, followed	ed to the dry heat test Bb of d by	MAN	N/A
N. P.	the electric strength test	of 16.3	XIIA MA	N/A



		AP'	92, 12/12	La.
114	111 111/21	EN 60335-2-35	VI.	DHX
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MAIN.	If the temperature rise du does not exceed the valutest of IEC 60068-2-2 is	e specified in table 3, the		N/A
29.3.4	Thickness of accessible properties insulation consisting of a specified in table 19		KIN ANXIN B	N/A
30	RESISTANCE TO HEAT	AND FIRE		
30.1	External parts of non-me	tallic material,	DI. WILL	P
	parts supporting live parts	s, and	412	Р
ANXIN	parts of thermoplastic ma supplementary or reinforce		4 BLAZ	Р
,	sufficiently resistant to he	at ANA	WXIII	P
aN	Ball-pressure test accord	ing to IEC 60695-10-2	in in the	Р
IN IN	External parts tested at 4 temperature rise determine clause 11, or at 75 °C, whatemperature (°C)	ned during the test of	(see appended table 30.1)	MXPM
14×11	Parts supporting live parts maximum temperature ris test of clause 11, or at 12 higher; temperature (°C)	se determined during the	(see appended table 30.1)	PIN
VILY DE	Parts of thermoplastic masupplementary or reinforce 25 °C plus the maximum determined during clause (°C)	ced insulation tested at temperature rise	(see appended table 30.1)	N/A
30.2	Parts of non-metallic mat and spread of fire	erial resistant to ignition	MXIN XIN	Р
MXIII	This requirement does no	ot apply to:	V. VI	PA
, ANY	parts having a mass not e the cumulative effect is un that originate inside the a flames from one part to a	nlikely to propagate flame ppliance by propagating		M P
, r	decorative trims, knobs a be ignited or to propagate inside the appliance		WALL THE	MP
MX	Compliance checked by t addition:	he test of 30.2.1, and in	XIV NA	P
11/21	- for attended appliances,	30.2.2 applies	VILL WHEN	Р
VL	- for unattended appliance	es, 30.2.3 applies	The The	N/A
	For appliances for remote	e operation, 30.2.3 applies	s AME.	N/A
IN AR	For base material of print applies	ed circuit boards, 30.2.4	WXIN WXIN	P



14	La. Mr.	EN 60335-2-35	WHY	MXIII
Clause	Requirement + Test	NXII	Result - Remark	Verdict
MIL	la l		AM	1/4/1
30.2.1	Parts of non-metallic mater glow-wire test of IEC 6069		(see appended table	30.2) P
ANXI	However, test not carried o classified as having a glow-according to IEC 60695-2-	wire flammability index	IN AXIN	N/A
P.	the material is classified at IEC 60695-11-10	least HB40 according to	XIM	N/A
XIL	Parts for which the glow-wi out need to meet the requir material classified HBF		TXIN AND	N/A
30.2.3	Appliances operated while specified in 30.2.3.1 and 30		No.	N/A
141	The tests are not applicable specified		" MY	N/A
30.2.3.1	Not applicable to parts of in supporting the heating elen connections of bare elemen (IEC 60335-2-35)	nents and their	MXIN WAXIE	N/A
WXIII	Parts of non-metallic mater connections carrying a curr during normal operation, ar	ent exceeding 0,2 A	WAIN W	N/A
AMXII	parts of non-metallic mater parts, within a distance of 3		ly K.	N/A
22	subjected to the glow-wire with a test severity of 850 °		(see appended table	30.2) N/A
XIM	Glow-wire applied to an int material, if relevant	erposed shielding	WAY WAY	N/A
ANXIN	The glow-wire test is not camaterial classified as havin flammability index accordinat least 850 °C	g a glow-wire	VHXILI	N/A
30.2.3.2	For bare element water hea carried out on parts of insul supporting the heating elen connections as specified fo (IEC 60335-2-35)	ating material nents and their	XIM AMXIN	N/A
NXIN	Parts of non-metallic mater connections, and	rial supporting	ANXII AN	N/A
111/	parts of non-metallic mater 3 mm,	ial within a distance of	MXIN	N/A
VINX	subjected to the glow-wire with appropriate severity le		(see appended table	9 30.2) N/A
AN	- 750 °C, for connections ca exceeding 0,2 A during nor		XILY VIEW	N/A
M	- 650 °C, for other connecti	ons	W. W.	N/A

GANXIN ANXIN ANXIN

W DI	ANY	MXIII	XIL TXIL	la v
	My My	EN 60335-2-35	V VIA.	AHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
VIXIL	Glow-wire applied to an interpo	osed shielding	AN ARY	N/A
ANX	However, the glow-wire test of on parts of material fulfilling bo			out N/A
	- a glow-wire ignition temperat IEC 60695-2-13 of at least:	ure according to	ed ANXIII	N/A
XIN	- 775 °C, for connections ca exceeding 0,2 A during nor		MXIII WAXIN	N/A
	- 675 °C, for other connection	ons WXIII	IXIM	N/A
MXIM	- a glow-wire flammability inde IEC 60695-2-12 of at least:	x according to	WAY W	N/A
. ~	- 750 °C, for connections carry exceeding 0,2 A during normal		ANXIII	N/A
	- 650 °C, for other connections		The The	N/A
	The glow-wire test is also not	carried out on small pa	arts. These parts are to:	N/A
HXIN	- comprise material having a gl temperature of at least 775 °C appropriate, or		VIXILA VIXIA	N/A
. 1	- comprise material having a gl index of at least 750 °C or 650		VIXILA D	N/A
VL.	- comply with the needle-flame	test of annex E, or	N M	N/A
67	- comprise material classified a according to IEC 60695-11-10		IN AUX	N/A
THY THE	The consequential needle-flamencroach within the vertical cyland on top of the non-metallic parts of non-metallic material withese parts are those:	inder placed above the parts supporting curre	e centre of the connection ent-carrying connections,	and
ANY	- parts that withstood the glow- IEC 60695-2-11 of 750 °C or 6 appropriate, but produce a flan than 2 s, or	650 °C as	IN ANXIN	N/A
	- parts that comprised material flammability index of at least 7 appropriate, or		TXIN VINXII	N/A
AXIL	- small parts, that comprised m glow-wire flammability index o 650 °C as appropriate, or		THE THE	N/A
ANXII	- small parts for which the need annex E was applied, or	dle-flame test of	A PI	N/A
12	- small parts for which a materi V-0 or V-1 was applied	al classification of	AMX.	N/A



II.	his Mr.	EN 60335-2-35	AMX	MXIII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
HXIL	However, the consequential parts, including small parts			metallic N/A
ANXI	- parts having a glow-wire least 775 °C or 675 °C as a	ignition temperature of at	D. C.	N/A
	- parts comprising material according to IEC 60695-11		ANXIII	N/A
XIM	- parts shielded by a flame needle-flame test of annex material classified as V-0 of IEC 60695-11-10	E or that comprises	HXIIN AN	N/A
30.2.4	Base material of printed cir the needle-flame test of ar		(see appended table 30.2/30.2.4)	N/A
	Test not applicable to cond	litions as specified:	V-0	P
31	RESISTANCE TO RUSTIN	IG		,
IL.	Relevant ferrous parts ade rusting	quately protected against	Y ANX	M.P.
101	Tests specified in part 2 wh	nen necessary	MXIL	N/A
32	RADIATION, TOXICITY A	ND SIMILAR HAZARDS		AM
ANXII	Appliance does not emit hat present a toxic or similar hat operation in normal use		A ANXIN	ANXIN P
	Compliance is checked by specified in part 2, if releva		ANXIN	N/A
A	ANNEX A (INFORMATIVE ROUTINE TESTS	:)		.44
	Description of routine tests manufacturer (IEC 60335-		MXIM	NXIN P
В	ANNEX B (NORMATIVE) APPLIANCES POWERED RECHARGED IN THE API		BATTERIES THAT A	RE N/A
H ANY	The following modifications applicable for appliances p are recharged in the applia	owered by batteries that	KIN ANXIE	N/A
1	Three forms of construction	n covered:	Mr	N/A
MXIM	a) Appliance supplied direct mains or a renewable ener charging circuitry and other incorporated within the applications.	gy source, the battery r supply unit circuitry	VHXIN VI	N/A
ALLY AL	b) The part of the appliance battery is supplied from the renewable energy source, unit. The battery charging within the part of the appliabattery	e supply mains or a via a detachable supply circuitry is incorporated	MXIN ANXIN	N/A AN AN AN



71,	JYIM JI	EN 60335-2-35	bl.	Why.
Clause	Requirement + Test	MXIII	Result - Remark	Verdic
ANX!	c) The part of the appliance battery is supplied from the renewable energy source, unit. The battery charging within the detachable supplied to the control of the control	e supply mains or a via a detachable supply circuitry is incorporated	IN VIXIN VIN	N/A
3.1.9	Appliance operated under	the following conditions:	VHY.	N/A
VIN P	- the appliance, supplied be operated as specified in re		WXIN WXII	N/A
MX	- the battery is charged, the discharged to such an externation cannot operate		MXIN DE	N/A
M AN	- if possible, the appliance supply mains through its b battery being initially disch that the appliance cannot operated as specified in re	pattery charger, the narged to such an extent operate. The appliance is	ANXIN ANXIN	N/A
MXIM	- if the appliance incorpora between two parts that are other, the appliance is sup mains with the detachable	e detachable from each oplied from the supply	ANXIN ANX	N/A
3.6.2	Part to be removed in order not considered to be detail		ANXIN	N/A
5.B.101	Appliances supplied from as specified for motor-ope		in MXIM	N/A
7.1 A ¹ KIM	Battery compartment for be replaced by the user, mar (V) and polarity of the term :	ked with battery voltage	WXIN BY	N/A
MXIN	The positive terminal indic IEC 60417-5005 and the symbol IEC 60417-5006		ANXIN AN	N/A
, ANY	Appliances intending to be detachable supply unit ma IEC 60417-6181 and its ty symbol ISO 7000-0790 (2)	arked with symbol ype reference along with	AIN ANXING	N/A
13	use only with <model desi<="" td=""><td>gnation> supply unit:</td><td>VIAVE</td><td>N/A</td></model>	gnation> supply unit:	VIAVE	N/A
7.6	Additional symbols	MXIII	WIN W	N/A
7.12	The instructions give infor charging	mation regarding	MY AND	N/A
ANXIN	Instructions for appliances intended to be replaced by required information		W WINN P	N/A
	Instructions for appliances substance of the following		laceable batteries state th	e N/A



· M	AM	WXII.	XIL, XIL	121
Illa	Mr Mx	EN 60335-2-35	YL,	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MAIN	Mrs.	<i>''</i>	VIL.	170
	This appliance contains batt replaceable by skilled perso		14 MAN.	N/A
	Instructions for appliances of substance of the following:	ontaining non-replaceal	ole batteries shall state the	N/A
~ ~ ~	This appliance contains batt non-replaceable	eries that are	ed AMA	N/A
XIN	For appliances intending to purposes of recharging the lis stated along with the follow	pattery, the type reference	chable supply unit for the ce of the detachable supply unit	N/A
MXIN	WARNING: For the purpose battery, only use the detach provided with this appliance	able supply unit	WHY!	N/A
MY	If the symbol for detachable meaning is explained	supply unit is used, its	IN ANY ANY	N/A
7.15	Markings placed on the part connected to the supply ma		MXIM	N/A
MY	The type reference of the deplaced in close proximity to		MXIN MXIN	N/A
8.2	Appliances having batteries instruction may be replaced have basic insulation between inner surface of the battery of	by the user need only en live parts and the	M ANXIN ANXIN	N/A
	If the appliance can be oper double or reinforced insulati		ANXING AT	N/A
11.7 A	The battery is charged for the instructions or 24 h		Willy Milly	N/A
11.8	Temperature rise of the batter exceed the limit in the batter specification; measured (K);	ry manufacturer's	ANXIN MAXIN	N/A
VIN	If no limit specified, the tempexceed 20 K; measured (K)		Y. MYLA	N/A
19.1 ANY	Appliances subjected to test and 19.B.103	s of 19.B.101, 19.B.102	THE STATE STATE	N/A
19.10	Not applicable	L. Die	VILLE I	N/A
19.B.101	Appliances supplied at rated battery being continually cha		MXIN MXIN	N/A
19.B.102	For appliances having batte removed without the aid of a the terminals of the battery, charged,	a tool, short-circuit of	ANXIN ANXIN	N/A
19.B.103	Appliances having batteries supplied at rated voltage unwith the battery removed or by the construction	der normal operation	IXIN ANXIN AN	N/A



N N	PL,	WAY.	XIIA XIM	10
Illa	My My	EN 60335-2-35	AR	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MAIN	- All	w.	VIA. VIA.	1
19.13	The battery does not rupture	e or ignite	Mr	N/A
21.B.101	Appliances having pins for it socket-outlets have adequate		ANY. M	N/A
N.	Part of the appliance incorp 2, of IEC 60068-2-31, the n		d to the free fall test, proce	dure N/A
IN PI	- 100, if the mass of the part (g)		HXIN HXIN	N/A
K.	- 50, if the mass of the part	exceeds 250 g:	Al Al	N/A
IXIN	After the test, the requirement and clause 29 are met	ents of 8.1, 15.1.1, 16.3	WALLE THE	N/A
22.3	Appliances having pins for it socket-outlets tested as full possible	nsertion into y assembled as	ANXIN	N/A
25.13	An additional lining or bushi interconnection cords in class class III constructions opera voltage not containing live p	ss III appliances or atting at safety extra-low	THE BUXIN	N/A
30.2	For parts of the appliance comains during the charging p		VIA VIA	N/A
115	For other parts, 30.2.2 appli	es All	MXIII	N/A
С	ANNEX C (NORMATIVE) AGEING TEST ON MOTOR	RS		N/A
N AN	Tests, as described, carried regard to the temperature clinsulation of a motor winding	assification of the	TXIN AND	N/A
Klis	Test conditions as specified	1 10	N. A.	N/A
D	ANNEX D (NORMATIVE) THERMAL MOTOR PROTE	ECTORS		N/A
Vie.	Applicable to appliances have incorporate thermal motor p compliance with the standar	rotectors necessary for	ANXIN	N/A
V VI	Test conditions as specified	ANX"	IL AIN	N/A
E	ANNEX E (NORMATIVE) NEEDLE-FLAME TEST			W.X.
MXIM	Needle-flame test carried of following modifications:	ut in accordance with IEG	C 60695-11-5, with the	N/A
7	Severities	MXIII	"TXILA	N/A
ANXIN	The duration of application of 30 s ± 1 s	of the test flame is	Yes VIN VIN	N/A
9	Test procedure	, All	W.	71/1/1

ANXIN ANXIN



Me	WIN MY	EN 60335-2-35	AM	MXIII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MIXI	La L		VIA. VIII.	- 4
9.1	The specimen so arrange applied to a vertical or hor the examples of figure 1		ANXIN A	N/A
9.2	The first paragraph does r	not apply	H H	N/A
,	If possible, the flame is ap a corner	plied at least 10 mm from	IN AMA	N/A
9.3	The test is carried out on	one specimen	TXII	N/A
-14/2	If the specimen does not we may be repeated on two a withstanding the test	withstand the test, the test additional specimens, both	WAIN DIS	N/A
11.	Evaluation of test results	MY MIXIN	in pri	N/A
	The duration of burning no	ot exceeding 30 s	MXII	N/A
J AM	However, for printed circu burning not exceeding 15		My My	N/A
F	ANNEX F (NORMATIVE) CAPACITORS			N/A
WXIN		ssion or voltage dividing, co	supply voltage, and used fomply with the following cla	
1.5	Terms and definitions	N. S.	APA AT	N/A
1.5.3	Class X capacitors tested	according to subclass X2	A MA	N/A
1.5.4	This subclause is applicat	ple	ANX	N/A
1.6	Marking	TXILA	hi Mr.	N/A
MM	Items a) and b) are applica	able	anxi.	N/A
3.4	Approval testing	1XIM	M	N/A
3.4.3.2	Table 3 is applicable as de	escribed	Why My	N/A
4.1	Visual examination and ch	neck of dimensions	14	N/A
	This subclause is applicat	ple	WAX	N/A
4.2	Electrical tests	-IXIN	L. M	N/A
4.2.1	This subclause is applicat	ole And	MXIII	N/A
4.2.5	This subclause is applicat	ole , x/M	114	N/A
4.2.5.2	Only table 11 is applicable	, AM	Mr. "11/4	N/A
HT.	Values for test A apply	Ally Ally	110	N/A
144.	However, for capacitors in values for test B or C appl		ANXII AN	N/A
4.12	Damp heat, steady state	VHX. MXII	" IXIN	N/A
	This subclause is applicab	ole (A)	VI.	N/A
KIN R	Only insulation resistance checked	and voltage proof are	XILA WAXIN	N/A
	. 1361	14:	•	DA -



Y AI	YUY.	ANXIII	MY MIXI	12
Illa	JAIN MY	EN 60335-2-35	V. VI	WAXII
Clause	Requirement + Test	MXIII	Result - Remark	Verdic
MXIM	HIX	114 V	VIA. VIV	
4.13	Impulse voltage	XIII	MX	N/A
- 1	This subclause is applicab	ole	ARI	N/A
4.14	Endurance	MXIII	in his	N/A
	Subclauses 4.14.1, 4.14.3 applicable	, 4.14.4 and 4.14.7 are	Y KNY.	N/A
4.14.7	Only insulation resistance checked	and voltage proof are	MXIN WAXIN	N/A
,	No visible damage	II IXIN	Ser.	N/A
4.17	Passive flammability test	VI.	ANX.	N/A
VIN	This subclause is applicab	ole	1	N/A
4.18	Active flammability test	VIII.	MXII	N/A
AN	This subclause is applicab	ole (4)	114	N/A
G	ANNEX G (NORMATIVE) SAFETY ISOLATING TRA	ANSFORMERS	4	NXII
IXIN	The following modification transformers:	s to this standard are app	olicable for safety isolating	N/A
7	Marking and instructions	XIII	Mr	N/A
7.1	Transformers for specific u	use marked with:	AMA	N/A
VIA	- name, trademark or iden manufacturer or responsib		ing with	N/A
	- model or type reference	M	, N	N/A
17	Overload protection of trar	nsformers and associated	l circuits	N/A
Kii	Fail-safe transformers cor of IEC 61558-1	mply with subclause 15.5	IN DE	N/A
22 XIP	Construction	N. S.	AM AM	N/A
VIA	Subclauses 19.1 and 19.1 applicable	.2 of IEC 61558-2-6 are	" WXIN	N/A
29	Clearances, creepage dist	ances and solid insulatio	n ₁ N ₂	N/A
29.1, 29.2, 29.3	The distances specified in table 13 of IEC 61558-1 a		YNXIN	N/A
1XIN	For insulated winding wire subclause 19.12.3 of IEC requirements for clearance	61558-1 there are no	THXIN THXII	N/A
ANXII	For windings providing reindistance specified in item IEC 61558-1 is not assess	2c of table 13 of	WAYNA P	N/A
		APV NY		10



11,	WIN "	EN 60335-2-35	N.	VHY.
Clause	Requirement + Test	CHXIII	Result - Remark	Verdic
MY MY	solid insulation values s	frequency exceeding creepage distances and pecified in IEC 60664-4 are not the values specified in	ANXIN ANXIN AN	N/A
Н	ANNEX H (NORMATIVI			N/A
7	Switches comply with th	e following clauses of IEC 6	61058-1, as modified below:	N/A
My.	The tests of IEC 61058-conditions occurring in the		MIXING OUT	N/A
VIA	Before being tested, swi times without load	tches are operated 20	MXIM	N/A
3 24	Marking and documenta	ition 411	in h	N/A
N	Switches are not require	ed to be marked	1511	N/A
Mr		can be tested separately ted with the manufacturer's the type reference	MXIN WXIN	N/A
13	Mechanism	1×11/2 1×11/2	119	N/A
	The tests may be carried	d out on a separate sample	WAX.	N/A
15 ANA	Insulation resistance and	d dielectric strength	N N	N/A
15.1	Not applicable	VI. VIV	MXIII	N/A
15.2	Not applicable	MX	114	N/A
15.3	Applicable for full discon micro-disconnection	nnection and	Text. WAYING	N/A
17	Endurance	anxii.	WIXIN W	N/A
ANXIII	Compliance is checked appliances or switches	on three separate	We Why	N/A
N	For 17.2.4.4, the numbe according to 7.1.4 is 10		ALIXII P	N/A
4	otherwise specified in 24 of IEC 60335	4.1.3 of the relevant part 2	Y'II BUXIN	N/A
IN	Switches for operation ube operated only by a to	inder no load and which car ool, and	MXW MXW	N/A
77	switches operated by ha that they cannot be oper	and that are interlocked so rated under load,	-1XIN PO	N/A
JXII	are not subjected to the	tests	VI, VI	N/A
NI.	However, switches without subjected to the test of 1 operation	out this interlock are 17.2.4.4 for 100 cycles of	LI ANXIN	ANY N/A
· Pi	Subclauses 17.2.2 and	17.2.5.2 not applicable	Klla My	N/A



The ambient temperature during the test is that occurring in the appliance during the test of clause 11 in IEC 60335-1 The temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1 (K)	Al	ANY	ANXII	XIM XIM	40
The ambient temperature during the test is that occurring in the appliance during the test of clause 11 in IEC 60335-1 The temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1 (K)	Illa	Mr Mx.	EN 60335-2-35	AR	W/XII
cocurring in the appliance during the test of clause 11 in IEC 60335-1 The temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1 (K)	Clause	Requirement + Test	MXIII	Result - Remark	Verdict
cocurring in the appliance during the test of clause 11 in IEC 60335-1 The temperature rise of the terminals not more than 30 K above the temperature rise measured in clause 11 of IEC 60335-1 (K)	MYIN	<u> </u>	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	VI.	7.0.1
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 It is also applicable to creepage distances for functional insulation, across full disconnection and micro-disconnection and micro-disconnection, as stated in Table 24 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: Protection against access to live parts Metal parts of the motor are considered to be bare live parts Heating The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 -short circuit of each diode of the rectifier -open circuit of any parallel resistor, the motor		occurring in the appliance d		ANXIN	N/A
Clause 20 is applicable to clearances across full disconnection and micro-disconnection It is also applicable to creepage distances for functional insulation, across full disconnection and micro-disconnection, as stated in Table 24 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: 3 Protection against access to live parts 3.1 Metal parts of the motor are considered to be bare live parts 11 Heating 11.3 The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 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 19 Abnormal operation 19.1 The tests of 19.7 to 19.9 are not carried out 19.1.101 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 - short circuit of each diode of the rectifier - open circuit of any parallel resistor, the motor	VI	30 K above the temperature	rise measured in	MXIM	N/A
disconnection and micro-disconnection It is also applicable to creepage distances for functional insulation, across full disconnection and micro-disconnection, as stated in Table 24 ANNEX (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: Protection against access to live parts Metal parts of the motor are considered to be bare live parts Heating The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of any parallel resistor, the motor	20 P		nces, solid insulation and	d coatings of rigid printed bo	oard N/A
functional insulation, across full disconnection and micro-disconnection, as stated in Table 24 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: B. Protection against access to live parts B. Metal parts of the motor are considered to be bare live parts Heating The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of any parallel resistor, the motor				MXIM	N/A
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: Protection against access to live parts Metal parts of the motor are considered to be bare live parts Heating The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of any parallel resistor, the motor	ANXIII	functional insulation, across	full disconnection and	WALLY VIEW	N/A
insulation that is inadequate for the rated voltage of the appliance: Protection against access to live parts Metal parts of the motor are considered to be bare live parts Heating The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of any parallel resistor, the motor	I	MOTORS HAVING BASIC		NADEQUATE FOR THE	N/A
Metal parts of the motor are considered to be bare live parts Heating The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of any parallel resistor, the motor					sic N/A
live parts Heating The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 19.1.101 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 - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	317	Protection against access to	live parts	V. VIA	N/A
The temperature rise of the body of the motor is determined instead of the temperature rise of the windings 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 Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	8.1		considered to be bare	ANXIN AN	N/A
determined instead of the temperature rise of the windings 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 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 19 Abnormal operation 19.1 The tests of 19.7 to 19.9 are not carried out 19.1.101 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 - short circuit of each diode of the rectifier - open circuit of any parallel resistor, the motor	11 AM	Heating			N/A
where in contact with insulating material, not exceeding values in table 3 for the relevant insulating material Leakage current and electric strength Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	11.3	determined instead of the te		IXIN ANX	N/A
Insulation between live parts of the motor and its other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	11.8	where in contact with insula exceeding values in table 3	ting material, not	ANXIN ANX	N/A
other metal parts is not subjected to the test Abnormal operation The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	16	Leakage current and electri	c strength	Mr	N/A
The tests of 19.7 to 19.9 are not carried out 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 - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	16.3			IN ANY	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 - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	19	Abnormal operation	VIN VIN	en. "MXIIA	N/A
- short circuit of the terminals of the motor, including any capacitor incorporated in the motor circuit - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	19.1	The tests of 19.7 to 19.9 are	e not carried out	bi.	N/A
any capacitor incorporated in the motor circuit - short circuit of each diode of the rectifier - open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	19.1.101	Appliance operated at rated	voltage with each of the	following fault conditions:	N/A
- open circuit of the supply to the motor - open circuit of any parallel resistor, the motor	1/4/11			XIM AIN	N/A
- open circuit of any parallel resistor, the motor	1/1/1	- short circuit of each diode	of the rectifier	VIA. VIA	N/A
	VI.	- open circuit of the supply t	o the motor	Mr	N/A
	74		resistor, the motor	IN AMY	N/A

		EN 60335-2-35		
Clause	Requirement + Test	MXIL	Result - Remark	Verdict
MXIM	Only one fault simulated a	t a time, the tests carried	VIA. VIJY.	N/A
	out consecutively	ALL X	WXIII-	14
22	Construction	MY	M. W.	N/A
22.I.101	For class I appliances inco supplied by a rectifier circu insulated from accessible I double or reinforced insula	uit, the d.c. circuit being parts of the appliance by	WALL BUXING	N/A
XIL	Compliance checked by the double and reinforced insu		IN AM	N/A
J	ANNEX J (NORMATIVE) COATED PRINTED CIRC	UIT BOARDS		N/A
<u></u>	Testing of protective coating with IEC 60664-3 with the		ds carried out in accordance	N/A
5.7	Conditioning of the test spe	ecimens	My My	N/A
IL)	When production samples of the printed circuit board		W. W.	N/A
5.7.1	Cold	VIJY.	MXIII	N/A
NXIII	The test is carried out at -2	25 °C	L. DL.	N/A
5.7.3	Rapid change of temperate	ure	AXIM IX	N/A
"MXI	Severity 1 is specified	M	Y KIN YEAR	N/A
5.9	Additional tests	VHX. VHX.	"IXIM	N/A
	This subclause is not appli	cable	P. B.	N/A
K	ANNEX K (NORMATIVE) OVERVOLTAGE CATEGO	ORIES		441
И	The information on overvo extracted from IEC 60664-		WXIN WXIN	N/A
VINX	Overvoltage category is a transient overvoltage cond		MY	N/A
ANY	Equipment of overvoltage the origin of the installation		My Art	N/A
112	Equipment of overvoltage in fixed installations and fo reliability and the availabili subject to special requirem	r cases where the ty of the equipment is	ANXIN ANXIN	N/A
Mr.	Equipment of overvoltage consuming equipment to b installation		RHXIN ALL MX	N/A
AME	If such equipment is subje- requirements with regard t availability, overvoltage ca	o reliability and	W WALL	N/A



N PI	ARI	WAY!	1×112 1×114	121
II.	MY MY	EN 60335-2-35	AR	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MXIN	, th	N P	VIA. MY.	1
WXII	Equipment of overvoltage of for connection to circuits in taken to limit transient over appropriate low level	which measures are	IN ANXIN AN	N/A
L	ANNEX L (INFORMATIVE GUIDANCE FOR THE MEDISTANCES		RANCES AND CREEPAGE	Xly
XIM	Information for the determine creepage distances	nation of clearances and	Mr. With	ARX ARX
М	ANNEX M (NORMATIVE) POLLUTION DEGREE			
VIA.	The information on pollution from IEC 60664-1	n degrees is extracted	MXIN	XM P
N	Pollution	MY	IN A	Р
M	The microenvironment determined pollution on the insulation, macroenvironment		KILL ANXIN	ANZAN
MXIM	Means may be provided to insulation by effective enclosed		VLY VINXII	P
112.	Minimum clearances specified be present in the microenvi		WAXING WAX	IL P
AM	Degrees of pollution in the	microenvironment	M M	Р
72	For evaluating creepage dismicroenvironment are estate		grees of pollution in the	AMXIP
VIN K	- pollution degree 1: no poll non- conductive pollution of no influence		DXIII ANXIN	N/A
ANXIN	- pollution degree 2: only no occurs, except that occasio conductivity caused by con expected	nally a temporary	WHYLH WHYLL	N/A
4 PLAY	- pollution degree 3: conductive non-conductive pollution conductive due to condensexpected	n occurs that becomes	AIN ANXIN A	PANXIN
HXIN	- pollution degree 4: the pol persistent conductivity caus or by rain or snow		ANXIN ANXIN	N/A
N	ANNEX N (NORMATIVE) PROOF TRACKING TEST			
X	The proof tracking test is ca following modifications:	arried out in accordance	with IEC 60112 with the	NXINP
7 AN	Test apparatus	11/1/2	All I	Р
7.3	Test solutions	DL.	Mr. William	P



N AI	AMA	ANXIII	KIP XIP	110
111.0	Mr Mx	EN 60335-2-35	VL.	VHX.
Clause	Requirement + Test	MXIII	Result - Remark	Verdic
MXIM	<u> </u>	" L	VI.	12
11.	Test solution A is used	KII, MAIN	MX	P
10	Determination of proof track	king index (PTI)	AME	P
10.1	Procedure	WIN T	121 M	Р
	The proof voltage is 100 V,	175 V, 400 V or 600 V	175V	P
	The test is carried out on five	ve specimens	ind .	Р
XIL	In case of doubt, additional reduced by 25 V, the numb 100		HX. HX	N/A
10.2	Report	VIA.	VHX.	N/A
AMA	The report states if the PTI test using 100 drops with a V		ANXIN	N/A
0	ANNEX O (INFORMATIVE SELECTION AND SEQUE		clause 30	12/14
	Description of tests for dete to heat and fire	ermination of resistance	othy k	IN P
P	ANNEX P (INFORMATIVE GUIDANCE FOR THE APP USED IN TROPICAL CLIM	LICATION OF THIS ST	ANDARD TO APPLIAN	CES N/A
VINX	Modifications applicable for exceeding 150 V, intended are marked with symbol IE	to be used in countries h		
KIM P	Modifications may also be a exceeding 150 V, intended are marked with symbol IE mains that excludes the pro-	to be used in countries had be used in countries had be countries had be countries had be used in the countries had be used in countries had be us	aving a tropical climate to be connected to a su	and that
5.7 1XIN	The ambient temperature for and 13 is 40 +3/0 °C	or the tests of clauses 11	ANXIII	N/A
7.1	The appliance marked with IEC 60417-6332	symbol	anxin	N/A
7.12 AN	The instructions state that t supplied through a residual having a rated residual ope exceeding 30 mA	current device (RCD)	KIN ANXIN	N/A
AXIN	The instructions state that t considered to be suitable for having a tropical climate, but other countries	or use in countries	YNX" WALL	N/A
ANX	If symbol IEC 60417-633. is explained	2 is used, its meaning	Mr. M	N/A
11.8	The values of Table 3 are re	educed by 15 K	VIJY.	N/A
13.2	The leakage current for clase exceeding 0,5 mA	ss I appliances not	AXIN WIN	N/A
H1.	1			



5.3 T 6.2 T e 9.13 T a 9.13 F ir 2.1 F	Description of tests for appli	EN 60335-2-35 ES I appliances not 16.2 is applied in gth test of 16.3 PR THE EVALUATION (ances incorporating elections)	Shenzhen An-Xin Testing Servic Report No.: AXJC202108 Result - Remark OF ELECTRONIC CIRCUITS ctronic circuits	Verdic N/A N/A N/A	
5.3 T 6.2 E 9.13 T a 9.13 F ir	The value of t is 37 °C The leakage current for class exceeding 0,5 mA (mA): The leakage current test of addition to the electric streng exception of tests for appliance of tests for	as I appliances not 16.2 is applied in gth test of 16.3 PR THE EVALUATION (ances incorporating elections)	OF ELECTRONIC CIRCUITS	N/A N/A N/A	
5.3 T 6.2 T e 9.13 T a 9.13 F ir 2.1 F	The value of t is 37 °C The leakage current for class exceeding 0,5 mA (mA): The leakage current test of addition to the electric streng exception of tests for appliance of tests for	as I appliances not 16.2 is applied in gth test of 16.3 PR THE EVALUATION (ances incorporating elections)	OF ELECTRONIC CIRCUITS	N/A N/A N/A	
5.3 T 6.2 T e 9.13 T a 9.13 F ir 2.1 F	The value of t is 37 °C The leakage current for class exceeding 0,5 mA (mA): The leakage current test of addition to the electric streng exception of tests for appliance of tests for	as I appliances not 16.2 is applied in gth test of 16.3 PR THE EVALUATION (ances incorporating elections)	OF ELECTRONIC CIRCUITS	N/A N/A N/A	
5.3 T 6.2 T e 9.13 T a 9.13 F ir 2.1 F	The value of t is 37 °C The leakage current for class exceeding 0,5 mA (mA): The leakage current test of addition to the electric streng exception of tests for appliance of tests for	16.2 is applied in gth test of 16.3 OR THE EVALUATION (ances incorporating election)	OF ELECTRONIC CIRCUITS	N/A N/A N/A	
6.2 Te e 9.13 Ta a S S S S S S F ir c a a R.1 P ir	The leakage current for class exceeding 0,5 mA (mA): The leakage current test of addition to the electric streng exception of tests for appliance of tests for appliance of two controls. ANNEX R (NORMATIVE) OF TWARE EVALUATION	16.2 is applied in gth test of 16.3 OR THE EVALUATION (ances incorporating election)		N/A N/A	
6.2 Te e 9.13 Ta a S S S S S S F ir c a a R.1 P ir	The leakage current for class exceeding 0,5 mA (mA): The leakage current test of addition to the electric streng exception of tests for appliance of tests for appliance of two controls. ANNEX R (NORMATIVE) OF TWARE EVALUATION	16.2 is applied in gth test of 16.3 OR THE EVALUATION (ances incorporating election)		N/A N/A	
9.13 Taa	Exceeding 0,5 mA (mA): The leakage current test of addition to the electric strength of the st	16.2 is applied in gth test of 16.3 OR THE EVALUATION (ances incorporating election)		N/A 	
a A S S P ir c a a P ir C P ir	ANNEX Q (INFORMATIVE) EQUENCE OF TESTS FO Description of tests for appliance R (NORMATIVE) OFTWARE EVALUATION	gth test of 16.3 R THE EVALUATION (ances incorporating ele			
S P ir c a	SEQUENCE OF TESTS FO Description of tests for appli NNEX R (NORMATIVE) SOFTWARE EVALUATION	R THE EVALUATION (-	
Pir can all Pir line	NNEX R (NORMATIVE) SOFTWARE EVALUATION		ctronic circuits	617	
S Fir c a 2.1 P	OFTWARE EVALUATION	- / // -		P	
ir c a 3.1 P ir	Programmable electronic cir	ANNEX R (NORMATIVE) SOFTWARE EVALUATION			
P	ncorporating measures to conditions specified in table accordance with the require	ontrol the fault/error R.1 or R.2 validated in	IN ANXIN AN	N/A	
ir	Programmable electronic cir	rcuits using software	VIXII.	N/A	
s	Programmable electronic cirncorporating measures to conditions specified in table of that the software does now that the requirements of this	ontrol the fault/error R.1 or R.2 constructed of impair compliance	WXW WXW	N/A	
1.2 F	Requirements for the archite	ecture	ARIA ARIA	N/A	
ir C m fa	Programmable electronic cirncorporating measures to conditions specified in table neasures to control and avocaults/errors in safety-relatedafety-relatedafety-related	ontrol the fault/error R.1 or R.2 use oid software-related d data and	WXIN ANXIN AT	N/A	
c Alx			incorporating measures to .2 have one of the following	N/A	
	single channel with periodinonitoring	c self-test and	ANXIII ANX	N/A	
Bis.	dual channel (homogenous	s) with comparison	the All	N/A	
-	dual channel (diverse) with	comparison	PLAN.	N/A	
C			incorporating measures to .1 have one of the following	N/A	
-	single channel with function	nal test	Wills Mix	N/A	
7/14	single channel with periodic	c self-test	W. WAY	N/A	
V/2,	dual channel without comp	1/2/1/2	19	N/A	



M	A Pro-	AMI	7x11	11/2.
71,	MXIN XIN	EN 60335-2-35	Alex.	VHV.
Clause	Requirement + Test	WY.	Result - Remark	Verdict
R.2.2.1	When redundant memory w	ith comparison is	W. VIII	N/A
ANXII	provided on two areas of the data in one area is stored in that in the other area	e same component, the		TIM INY
R.2.2.2	Programmable electronic cir requiring software incorpora control the fault/error conditi R.2 and that use dual chanr comparison, have additional means for any fault/errors no comparison	ting measures to ons specified in table hel structures with fault/error detection	ANXIN ANXIN	ANX N/A
R.2.2.3	For programmable electroni requiring software incorpora control the fault/error conditi R.1 or R.2, means are provi and control of errors in trans safety- related data paths	ting measures to ons specified in table ded for the recognition	JUN ANXIN AND	N/A
R.2.2.4	For programmable electronic requiring software incorporate control the fault/error condition R.1 or R.2, the programmable incorporate measures to adsafety-related segments and R.1 and R.2 as appropriate	ting measures to ons specified in table ble electronic circuits dress the fault/errors in	ANXIN ANXIN	N/A
R.2.2.5	For programmable electroni requiring software incorpora control the fault/error conditi R.1 or R.2, detection of a fa compliance with clause 19, impaired (IEC 60335-2-35)	ting measures to ons specified in table ult/error occurs before 22.105 and 22.108 is	MXIN ANXIN	N/A
R.2.2.6	The software is referenced to operating sequence and the functions	•••	MAXIN MAXIN	N/A
R.2.2.7	Labels used for memory loc	ations are unique	, IXIN	N/A
R.2.2.8	The software is protected fro safety-related segments and		My Alex	N/A
R.2.2.9	Software and safety related control is initialized and term compliance with clause 19, impaired (IEC 60335-2-35)	ninates before 22.105 and 22.108 is	MXIN MXIN	N/A
R.3	Measures to avoid errors	IN IN	, al Pi	N/A
R.3.1	General	W.X.	WALL THE	N/A
WAXII	For programmable electroni measures to control the faul following measures to avoid	t/error conditions specif		ng N/A



71,	The My	EN 60335-2-35	VI.	VHV.
Clause	Requirement + Test	MXIII	Result - Remark	Verdic
"HXIN	Software that incorporate control the fault/error conditions. R.2 is inherently acceptate control the fault/error conditions.	ditions specified in table ole for software required to	WANXIN WAX	N/A
BIA.	R.1	altions specified in table	13 IXIN	41
R.3.2	Specification	in A	' VIA	N/A
R.3.2.1	Software safety requirement	ents:	Software Id:	N/A
XIIA	The specification of the so requirements includes the		APA APA	N/A
R.3.2.2	Software architecture	VIA	WAY!	N/A
R.3.2.2.1	The specification of the so includes the aspects lister - techniques and measure faults/errors (refer to R.2.	d es to control software 2);	Document ref. No:	N/A
	 interactions between ha partitioning into modules specified safety functions hierarchy and call struct (control flow); 	s and their allocation to the	ANXIN ANXIN	VLXII.
	interrupt handling;data flow and restrictionarchitecture and storagetime-based dependenci		ANXIN ANXI	NA VIEW
R.3.2.2.2	The architecture specification of the so requirements by static and	ftware safety	IXIN MIXIN A	N/A
R.3.2.3	Module design and coding	My. Pe	14 14	N/A
R.3.2.3.1	Based on the architecture suitably refined into modu		VINXIII VINXIII	N/A
MY	Software module design a in a way that is traceable architecture and requirem		M ANXIN AN	N/A
R.3.2.3.2	Software code is structure	ed AM	" AXIL	N/A
R.3.2.3.3	Coded software is validat specification by static ana		TXIN NO	N/A
1XIIA	The module specification architecture specification		Ma. My	N/A
R.3.3.3	Software validation	VILLY.	WXIII WXII	N/A
VIJX.,	The software is validated requirements of the softw specification		ANXIN AIR	N/A
AR	Compliance is checked by	y simulation of:	MY.	N/A
IN	- input signals present du	ring normal operation	MXII	N/A



XIM

	VIG.	MXIII	IXIP IXI	N In
The	WIN WIN	EN 60335-2-35	API	WX.
Clause	Requirement + Test	VIJXI.	Result - Remark	Verdic
VHX	- anticipated occurrences	Mr	I N	N/A
	- undesired conditions requiring	system action	anxii	N/A
	AN AI			
	ANXIN ANXIN	ANXIN	AIXIN AIXIN	
		VI.		
		VI VIA.		
	IN ANXIN ANX		by.	
AM				
	IXIN ANXIN A		III MY	
			XIM ANXI	
	ANXIN ANXIN			
	IN ANXIN ANXIN		M	
	IN ANXIN	ANXIN ANXIN	IN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN	
	IN MIN.			

ANXIN ANXIN



TIL	My My	EN 60335-2-35	AM	MXIII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict

				le i		
IN.	TABLE R	.1 e – GENERAL FAULT	/ERROR CO	ONDITIONS	11/16	7
Component ^a	Fault/error	Acceptable measures	Definitions	Document reference for applied measure	Document reference for applied test	Ver-dict
1 CPU 1.1 Registers	Stuck at	Functional test, or periodic self-test using either: - static memory test, or - word protection with	H.2.16.5 H.2.16.6 H.2.19.6 H.2.19.8.2	JAIN AT	ANXIN ANXIN	N/A
1.2 VOID	Y ANXIN	single bit redundancy	MXIN	N. of	in by	N/A
1.3	Stuck at	Functional test, or	H.2.16.5	N DIA		N/A
Programme counter	Stuck at	Periodic self-test, or Independent time-slot monitoring, or Logical monitoring of the programme	H.2.16.6 H.2.18.10. 4	NXIN I	ANXIN NXIN	AND
VIA,	VHX.	sequence	2	- HXII		Alth.
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	XIM AN	XIN AL	AN/A
3 Clock	Wrong frequency (for quartz synchronized clock: harmonics/ sub-harmonic s only)	Frequency monitoring, or time slot monitoring	H.2.18.10. 1 H.2.18.10. 4	ANXIN ANXIN	W BUX	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	WXW b	WXIN	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	ANXIN	KIR AN	N/A



XIM	X
ANXIN	TESTING

nd .		- K.	AR'	W1/V.	47/1	My
71,	14	IL,	EN 60335-2-		N. D.	ML
Clause	Requi	rement + Test	ANXII	Resu	lt - Remark	Verdict
4.3 Addressing (relevant to variable and invariable memory)	14 F	Stuck at	Word protection with single bit redundancy including the address	H.2.19.8.2	ANXIN ANX	N/A
5 Internal data	path	Stuck at	Word protection with single bit redundancy	H.2.19.8.2	3 XIN P	N/A
5.1 VOID	. ~	XIL	III MY.	1 10	P	N/A
5.2 Addressing	A	Wrong address	Word protection with single bit redundancy including the address	H.2.19.8.2	OXIN ANXIN	N/A
6 External communicati	ion ANX	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	W WAXW W	N/A
6.1 VOID		110	N. Alax	VI)	MAIN	N/A
6.2 VOID	D	MX	NXIN IX	M	111	N/A
6.3 Timing	XIN	Wrong point in time	Time-slot monitoring, or scheduled transmission Time-slot and logical monitoring, or	H.2.18.10. 4 H.2.18.18 H.2.18.10. 3	PHYLIN BUX	N/A
ANXIN ANXIN	IN AN	Wrong sequence	comparison of redundant communication channels by either: - reciprocal comparison - independent hardware comparator Logical monitoring, or	H.2.18.15 H.2.18.3 H.2.18.10. 2 H.2.18.10.	ANXIN ANXIN	THE WAY
7 Input/output periphery	A A	Fault conditions specified in	time-slot monitoring, or Scheduled transmission Plausibility check	H.2.18.18	WXW ANXIN	N/A
	MY	19.11.2	P	11-	AME AT	14/11
7.1 VOID	1		11/14	JIN JIN		N/A

Illa	X	M	EN 60335	-2-35		VI.		MXII
Clause	Requi	irement + Test	Y. NY		Resu	lt - Remark	MIL	Verdict
Mr.		Lin	, ,		VIA		"HY.	-13
7.2 Analog I/O		WXIII	WAXIN	NXIN		MXIN	~//	N/A
7.2.1 A/D and D/A- converter	1 X 1 P	Fault conditions specified in 19.11.2	Plausibility check	H.2.1	8.13	VHXIL VA	y Vigy.	
7.2.2 Analog multiplexer	37	Wrong addressing	Plausibility check	H.2.1	8.13	y bl	XIM	N/A
8 VOID	VL.	, A	12.	VIII.		XIN	MILL	N/A
9 Custom chips e.g. ASIC, G gate array		Any output outside the static and dynamic functional specification	Periodic self-test	H.2.1	6.6	AHXIM	WHY WHY	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.

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 NON-RECHARGEABLE OR NOT RECHARGED IN		N/A
XIN XIN	The following modifications to this standard are applicable for battery-operated appliances where the batteries are either non-rechargeable (primary batteries), or	ANXIN ANXIN	N/A
VIA	rechargeable batteries (secondary batteries) that are not recharged in the appliance	WXIN IX	N/A
5.8.1 AT	If the supply terminals for the connection of the battery have no indication of polarity, the more unfavourable polarity is applied	THE YOUNG AIR	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	HAXIN HAXIN P	N/A
5.S.102	Appliances are tested as motor-operated appliances.	ANXIN MXIN	N/A
7.1	Appliances marked with the battery voltage (V) and the polarity of the terminals, unless	NYW :	N/A
. 1	the polarity is irrelevant	VI VI	N/A
N P	Appliances also marked with:	14/14	N/A

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.



		EN 60335-2-35		
Clause	Requirement + Test	"MXIL	Result - Remark	Verdict
MY	44		VIA. VIA	
VIV.	- name, trade mark or id manufacturer or respons	entification mark of the sible vendor	NIN	N/A
. 47	- model or type reference	e:	P	N/A
1	- IP number according to against ingress of water		ANXIN	N/A
P	- type reference of batte	ry or batteries:	412	N/A
XIN		erminal is indicated by the stand the negative terminal 7-5006	HAT ANX	N/A
ANXIN		han one battery, they are ct polarity connection of the	MAN AN	N/A
7.6	Additional symbols	10	, Ala,	N/A
7.12	The instructions contain	the following, as applicable:	Alla : Alla	N/A
14	- the types of batteries th	nat may be used:	VIA	N/A
•	- how to remove and ins	ert the batteries	WH W	N/A
VXII	- non-rechargeable batte recharged	eries are not to be	We Why	N/A
14X1	- rechargeable batteries appliance before being of	are to be removed from the	ANXII	N/A
,	- different types of batter batteries are not to be m		WXIN	N/A
IN A	- batteries are to be inse	rted with the correct	MIXIN MIXIN	N/A
<i>Y</i> .	- exhausted batteries are appliance and safely dis	e to be removed from the posed of	1XIN RI	N/A
ANXIN	- if the appliance is to be period, the batteries are	stored unused for a long removed	Ale, MA	N/A
	- the supply terminals ar	e not to be short-circuited	ANXII	N/A
11.5	Appliances are supplied	with the most unfavourable	supply voltage between	N/A
W	- 0,55 and 1,0 times the appliance can be used v batteries		WANTED	N/A
NXIN		ery voltage, if the appliance rechargeable batteries only	YHY YHYN	N/A
ANXII	The values specified in resistance per cell of the account	Table S.101 for the internal battery is taken into	ALIXING AT	N/A
19.1	The tests are carried out charged unless otherwise		ANXIII	N/A
19.13	The battery does not rup	sture or ignite	LIE IN	N/A



711.	III MIXI	EN 60335-2-35	AL.	Why.
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
MY	, d		VIA. VAX.	
19.S.101	Appliances are supplied win 11.5. The supply terminof polarity are connected unless	nals having an indication	H ANXIN A ANX	N/A
,	such a connection is unlik construction of the appliar		ANXIIA	N/A
19.S.102	For appliances with provisione or more of the batteric appliance is operated, if reallowed by the construction	es are reversed and the eversal of batteries is	HXIN AHXIN	N/A
25.5	The flexible leads or flexible an external battery or batt the appliance by a type X	ery box in is connected to	VLAN VILLE	N/A
25.13 AND	This requirement is not ap leads or flexible cord conr or a battery box with an a	necting external batteries	TH MAY AL	N/A
25.S.101	Appliances have suitable the battery. If the type of battery appliance, the means of countries type of battery	pattery is marked on the	ANXIN ANXIN	N/A
26.5	Terminal devices in an ap of the flexible leads or flex external battery or battery shielded that there is no ri connection between supp	box are so located or isk of accidental	H ANXIN ANX	N/A
30.2.3.2	There is no battery in the cylinder used for the cons test, unless		UXIN MAXIN	N/A
10.	the battery is shielded by needle flame test of anne.		NXIN IXIN	N/A
ANXIII	that comprises material cl according to IEC 60695-1		E. VIA	N/A
Т	ANNEX T (NORMATIVE) UV-C RADIATION EFFE	CT ON NON-METALLIC M	IATERIALS	N/A
14.	Requirements for non-medirect or reflected UV-C rawhose mechanical and elerelied upon for compliance	adiation exposure and ectrical properties are	MXIM ANXIN	N/A
MXII	Does not apply to glass, comaterials	eramic and similar	KIN AIR	N/A
ANXIR	Tested as specified in ISC modifications:) 4892-1 and ISO 4892-2,	with the following	N/A
	Modifications to ISO 4892	-U.L. VIVI	MXIII	N/A
5.1.6	The UV-C emitter is a low with a quartz envelope ha spectral irradiance of 10 V	ving a continuous	EXIN MAXIN P	N/A

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STING	XI. WALLE WALLY	MY MY	la.
	EN 60335-2-35	AM	VHX!!
Clause	Requirement + Test	Result - Remark	Verdict
MXIM	Cubalcus 54 C4 and Table 4 are not applicable	VIE. TUR.	NA
504	Subclause 5.1.6.1 and Table 1 are not applicable	THE WAY	N/A
5.2.4	The black-panel temperature shall be 63 °C +/- 3 °C	YELL WHY	N/A
5.3.1	Humidification of the chamber air is specified in part	My. H	N/A
3	2 when necessary	VINE VI	7.411
9	This clause is not applicable	he My	N/A
XIM	Modifications to ISO 4892-2:	Wy.	N/A
7.1	At least three test specimens are tested	10: 1/11	N/A
My.	Ten samples of internal wiring is tested	WAY!	N/A
7.2	The specimens are attached to the specimen holders such that they are not subject to any stress	HYLD.	N/A
7.3	Apparatus prepared as specified	AM AM	N/A
W Y.	The test specimens and, if used, the irradiance-measuring instrument are exposed for 1 000 h	THE WAXIN	N/A
7.4 11X111	If used, a radiometer is mounted and calibrated such that it measures the irradiance at the exposed surface of the test specimen	ANXIII ANXIII	N/A
7.5 ANXII	Material properties and test methods for parts providing mechanical support or impact resistance as specified in Table T.1	A WALL BUSH	N/A
	Material properties and test method for electrical insulation of internal wiring as specified in Table T.2	IN ALLX	N/A
8,0	This clause is not applicable	2×11	N/A
	hi his man	N. A.	PLAN

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<u>VV</u>



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XIM

4	AL XIN	ALIXII P	WXILL	ANXIN	ANXIN	WXIL	y Vie
XIN TE	STING	XIM WHXIN	Page	87 of 105	Shenzhen An-X Report No	in Testing Servi b.: AXJC202108	ce Co., Ltd 31100429S
. 117	(IL)	MXI	IN EN	60335-2-35	And I	MX.	MXHA
P.	Clause	Requirement + Test			Result - Rema	rk N	Verdict
•	M	12.	4	*	VIA	" My	-17

10.1	TABLE: POW	er input deviation	n		la la	P
Input	deviation of/at:	P rated (W)	P measured (W)	ΔΡ	Required Δ P	Remark
230V	~ 50Hz	5500	5126	-6.8%	+5%, -10%	Р
230V	~ 60Hz	5500	5184	-5.7%	+5%, -10%	PIN
	VHX.	MXIL	IXIN	M		N.
15	1	~	VL,	WAY	" MXIII	117

	on of/at:	I rated (A)	I measured (A)	ΔΙ	Required Δ I	Remark
- PL	VL,	<u>, , , , , , , , , , , , , , , , , , , </u>	MXIII.	IXIN	Mr.	Lan
ila.	IM	M	P		Vyv.	MXIII
V VI		VHX.	MXIII	MXIN	412	
7XIL	MY	18	r	DIA.	AMA	MX
Supplementary i		VHX.	MXIL	19	UN	by
				N AN		XIM A
ANXI						
				ANXIN		'M
			14	VI.		
			ANXIN			
XIM A						
WINN A						
ANXIN A'						WXIN AND



		7/2	7	- 12/1	11
111-	My My	EN 60335-2-35		VL.	VHX.
Clause	Requirement + Test		Result - Rema	ark	Verdic
MY	la l	N	VIA	WIY.	
11.8	TABLE: Heating test	Mr. Mx	71)	4	P
	Test voltage (V)	:		.15=6325W 66.3V	_
1	Ambient (°C)		2	23.6	_
Thermoco	ouple locations:		perature rise ed, Δ T (K)	Max. temperat limit, Δ T	
Supply cor	rd All	N 3	1.4	50	NY
Cut-out	VILL VILL	3 AIXIN	5.7	Ref.	
Heating er	nclosure	3	8.9	Ref.	
Internal wi	re ANA	17/1	1.3	80	P
PCB near	heating	A 5	51.4	105	111-
Main PCB	W. W.	1×13	4.3	105	- \
Terminal	IN STATE	Pi A3	1.5	95	NXIL
X capacito	LYNX, MXIII	XIN 5	60.6	100-25=7	75
Enclosure	inside	4	7.8	For.cl.30	0
Enclosure	outside	KIP SHY	5.4	For.cl.30	0
Switch	N	APV 2	4.8	60	
Test wall	MXIII	1XIP 2	4.3	Ref.	
Suppleme	ntary information:	VIA. VIA.	11/	KII.	XIM
D	WKI, WKILL	MX	IN	A. A.	
11.8	TABLE: Heating test, res	istance method	WX.	MXIIA	N/A
1	Test voltage (V)			N.	_

11.8	TABLE: Heating test	, resistance i	nethod	VHX	MXIII	N/A
	Test voltage (V)	•••••	•••••	:		_
NI)	Ambient, t1 (°C)	•••••		: WX	ts.	14, -
VINX	Ambient, t2 (°C)			:	, N	_
Temperati	ure rise of winding:	R1 (Ω)	R2 (Ω)	Δ T (K)	Max. Δ T (K)	Insulation class
M Die	VII.	anx		7XIL	MXIM	Mr
	JXIM 4	' M	N K	,	VLa.	VHY.
	VIA. VIA.		MXIII	JXIN	112	
MXIM	My.	No.		VI.	AMA	M
Supplemer	ntary information:	MXII	MXIM		IN	IN I



74.	ANX" MX	ila IXILA	Mr	· N	VIA
STING	IXIN ANXIN A	Page 89 of 105	Shenzhen An-Xin Report No.	Testing Service : AXJC2021081	
14	hi hix.	EN 60335-2-35	W. V.	77.	NXIN
Clause	Requirement + Test	MXIII	Result - Remark	· M	Verdict
My.	- La		VIA	VHY.	
13.2	TABLE: Leakage current	KIP KIP	/ Lin		P
	Heating appliances: 1,15	x rated input (W):	5500W*1.15	5=6325W	_
VIN	Motor-operated and com 1,06 x rated voltage (V)		UM -	IN	_
Leakage c	current between:		I (mA)	Max. allowe	d I (mA)
L/N to wate	er outlet	MXII	0.05	0.75	5
L/N to plas	tic enclosure	N N	0.02	0.75	MX
	VIA. VIAS.	MXIII	IXIN	Mr.	7
Supplemen	ntary information:	14	VIA.	VINY.	~7

13.3	TABLE: Dielectric	strength	, al	VI	W. b
Test volt	age applied between:		Test po	tential applied (V)	Breakdown / flashover (Yes/No)
L/N to wa	iter outlet	XIM	4717	1000	No
L/N to pla	astic enclosure		VL.	3000	No X
MY.	MXIII	NXIN	411-	12.	VI. VIA.
Supplem	entary information:	VL.	AMX	MXIII	-IXIM

AN	411	12.	N	"M	VI	
14	TABLE: Transie	nt overvoltages	AM	X.	MXIL	N/A
Clearar	nce between:	CI (mm)	Required CI (mm)	Rated impulse voltage (V)	Impulse test voltage (V)	Flashover (Yes/No)
	MXII	WXIN	My	la.		V VIA.
Suppler	mentary information:	N.	AM	ANXII	. 41/1	7

TABLE: Leakage current	ANX	MXIII	JAM P
	_	254.4	IN BL
		VIN VIN	P -
urrent between:		I (mA)	Max. allowed I (mA)
r outlet	MY	0.07	0.75
ic enclosure	AM	0.03	0.75
MXILE IXIL	-11	N N	Pi
tary information:	VIN	MXII	IXIM
į	Single phase appliances: 1,06 x (V)	Single phase appliances: 1,06 x rated voltage (V): Three phase appliances 1,06 x rated voltage divided by √3 (V): urrent between: r outlet ic enclosure	Single phase appliances: 1,06 x rated voltage (V): Three phase appliances 1,06 x rated voltage divided by √3 (V): urrent between: I (mA) r outlet 0.07 ic enclosure



ANXIN

Clause	Requirement + Test	EN 60335-2-35	Result - Remark		Verdic
Clause	Requirement Frest	AM	Tresuit - Tremain	MAIL	Verui
16.3	TABLE: Dielectric strength	My.	la.	A	P
Test volt	age applied between:	Test po	otential applied (V)	Breakdov flashov (Yes/No	er
L/N to wa	ter outlet	ble,	1250	No	1/1/2
L/N to pla	stic enclosure	1XIII	3000	No	
MY	119	PL P	141	MXIII	- L'
43/7	entary information:	12:			NI

17 T	ABLE: Overload	protection	11/2	"M VW	N/A
Thermocoup	le locations:		Max. temperature rise measured, Δ T (K)	Max. tempe limit, Δ	
M N	VI.	WAY	Mills	IXIM	411
111.	IXIM	Mr	10	br.	VIJY.
Supplementar	ry information:	W.	1X11	Mr	
MXIII	My	IN F	N. S.	AM	M

17	TABLE: Overload	d protection, res	istance metho	d X	N	MILL	N/A
11/1	Test voltage (V)		:	V VI	ANX		_
Di-	Ambient, t1 (°C).		:	IL.	MIX	_	
	Ambient, t2 (°C).		:	P	197	Ar	_
Temperatu	ire of winding:	R1 (Ω)	R2 (Ω)	Δ T (K)	T (°C)	Max	к. Т (°С)
XIII	MXIM	Service Servic			PLI		VHXII
4	VL.	MAKE	MXIII	IXIN		171	
Supplemen	tary information:	, M	K.	V VI	ANY		77

ANXIN



(lb)	hi Mx.	EN 60335-2-35	MA	MXII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict

VIP .	la:		7	21.	N .	171-	- 1	
19	Abnormal operati	ion conditions			IN F		P	
Operational	characteristics		YES/NO	Operatio	nal conditio	ns		
Are there eleappliance o	ectronic circuits to peration?	control the	YES	KIM	MXIN	N.	MIL	
Are there "o	off" or "stand-by"	position?	No		VIA.	AL	14/11	
	ded operation of tangerous malfunct		No	VHXIL	N	rin	at'	
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	N.A	N.A	N.A	N.A	N.A	
19.3	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.4	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.5	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.6	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.7	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.8	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.9	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.10	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
19.11.2	See cl. 19.11.2	See cl. 19.11.2	N.A	N.A	N.A	N.A	XIIP	
19.11.4.8	See cl. 19.11.4.8	See cl. 19.11.4.8	N.A	N.A	N.A	N.A	P	
19.10X	N.A	N.A	N.A	N.A	N.A	N.A	N.A	
Supplementa	ary information:		VI.	ANY		NXIII		

VL	anxii	MXIM	71/2,		"M	N An
19.7	TABLE: Abnorma	operation, loc	ked rotor/movi	ing parts	7.	N/A
AM	Test voltage (V)		:	M	in b	_
M	Ambient, t1 (°C)		:		MXIII	_
	Ambient, t2 (°C)		:	MIL	la.	F
Temperatu	ure of winding:	R1 (Ω)	R2 (Ω)	Δ T (K)	T (°C)	Max. T (°C)
141	WY	MXIII	MXIN	. 11	7	N N
Supplemer	ntary information:	, , , , , , , , , , , , , , , , , , ,	VL.	WAY	. 47	111-



(IL)	IXIN	IN E	EN 60335-2-35		AM		UX
Clause	Requirement + Test	7-1	"AXIII"	Result - Re	mark	7	Verdict
Mr.	La		×-	VI.	MX		-1"
19.9	TABLE: Abnormal of	peration, ru	ınning overload				N/A
	Test voltage (V)		:	ant	. 1	1/1	_
WAX	Ambient, t1 (°C)		:	M	'N N		_
1	Ambient, t2 (°C)		:		NXII		_
Temperatu	re of winding:	R1 (Ω)	R2 (Ω)	Δ T (K)	T (°C)	Max	k. T (°C)
MIL	in h.	, P	71,9,	VIJY.	NXIII		141
Supplement	tary information:	IXIN	Mr		, , , , , , , , , , , , , , , , , , ,		VIA

19.13	TABLE: Abnormal operati	TABLE: Abnormal operation, temperature rises				
Thermoc	ouple locations:		Max. temperature rise measured, Δ T (K)		perature rise , Δ T (K)	
-, Pi	AM	WAXI	77/4	My	- 11	
114	WIN MIXI		N. S.	PHI	WAXII	
Suppleme	ntary information:	72	1XIII	111	1	

21.1 TABLE: Impact resista		pact resistance		XIL	MY	in the same of the	Р
Impacts p	er surface	Surface	etested	Impact energy	(Nm)	Comments	
Plastic enclo	osure	3	MXIII	0.5	No	o damage	
	MY	bi	,	VI.	VIJ.	NX	
Supplement	ary information	on: NX	MXIM	My.		NA PA	

24.1	TAE	BLE: Critical compo	nents informat	ion		'M' N'
Object / pa No.	ırt	Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity ¹⁾
Power Ca	able	Ningbo LianshengWire & Cable Co.,Ltd.	H05VV-F	3*2.5mm ²	DIN EN 50525-2-11 (VDE 0285- 525-2- 11):2012- 01;EN 50525- 2-11:2011	VDE 315472
Thermos	tats	Foshan Shunde Guandihong Electrical Appliance Co., Ltd.	KSD305S	250VAC 40A Tf:95°C	GB/T14536.1- 2008;GB/T14 536.10-2008	CQC180021974 04
Transform	mer	Zhongshan Dongfeng, Zhongshan Zhonghe Electric Factory	WR-El28010	PRL:220V AC 50Hz (1-2) SES:10V AC 100mA(3-6)	GB19212.1- 2008;GB1921 2.7-201	CQC150011245 20

ANXIN TESTING

TIL	My My	EN 60335-2-35	MA	MXII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict

Mr.	la:	, P	VIA	N	T' 14
Silicon controlled rectifier	Huangshan Chipmicro Electronics Co.,Ltd	BTA41A	ANXINA 1A	UL 1557	E319268
Photoelectric coupler	CT Micro Internat ional Corporation	CT _M XII	3021 127K	DIN EN 60747-5-5 (0884-5):2015- 11; EN 60747- 5-5:2011; A1:2015	VDE40039590
Photoelectric coupler	Everlight Electronics Co., Ltd.	ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN	ANXIN ANI ANXIN ANI ANXIN ANI ANXIN ANXIN A	DIN EN 62368-1 (VDE 0868-1):2016- 05; EN 62368-1:2014 + AC:2015; IEC 62368- 1:2014, modified + Cor.:2015 DIN EN 62368-1/A11 (VDE 0868- 1/A11):2017- 11; EN 62368- 1:2014/A11:20 17	VDE132249
Water flow sensor	Zhongshan Bodi Electronic Appliance Co., Ltd.	CD-7.5Q	DC 5V 1-30L/min ≤1.75MPa	IEC 61757:2018	Tested with appliance
Heating Tube	Zhaoqing Zhenke Electric Heating Appliance Co., Ltd.	RGS 220V~	220V∼ 50Hz 1375*4	JB/T4088- 2012	CQC0800202310
Heating Tube	Zhongshan Reda Electric Appliance Industrial Co., LTD	RD8001	220V~ 50Hz 1375W*4	JB/T4088- 2013	CQC1800220420 4
Tempera tures ensor for outlet	ACE SCHMERSAL ELETROELETRO NICA INDUSTRIAL LTDA	KT-B (368- 0012)	R=100K+1% (at25°c)	IEC 61757:2018	Tested with appliance
Electronic wire	Zhongshan TianRong Electrical Appliances Co. , Ltd.	60245 IEC 03(YG)	300/500V 0.5- 10mm²;	IEC 60245-4-2 011-09	Tested with appliance



ANXIN

14.	ANXII A	HXILL BUX	IN	MXIM	IXIM VI
Para	ANXIN	Page 94 of 10	5 Shenz	chen An-Xin Testin Report No.: AXJC	
ESTING	YIL ANXIN	MXIM	MXIN.	My.	VIA.
114	My	EN 60335-2	2-35	VI.	NIX
Clause	Requirement + Test	en. AXIL	Resi	ult - Remark	Verd
MIN	la:	, Pi	DL	N	7
y VHXII	Jinan Guoji	ANXIN AN		GB/T4721- 1992,GB/T472 2- 1992,GB/T472 5- 1992,GB/T604	0001212407
PCB	Technology Ćo., Ltd.	FR-4	1.6mm	2002,GB/T194 66.1- 2004,GB/T194 66.2- 2004,GB/T194	CQC1213407
MXIL	ary information:	TAIN AIR	A MIX	66.3-2004,ISO 11358:1997	MXIII.

Supplementary information:

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

28.1	TABLE: Threa	ded part torque test		PI, VI	7
Threade identification	d part ation:	Diameter of thread (mm)	Column number (I, II, or III)	Applied torque	(N
Fixing for	enclosure	2.85	II MAN	0.5	
	ud h	, Ala	Mr. Why	" TXIL	
ANT	14.	The TXIN	LIV.	N. S.	
		' VL	ANX	MIXING SIX	16
Supplem	entary information:		, M	VIA	
M		YES WAY	VAXIN.	AMXIN	
			XIM ANXIN	Pri P	
			XIM ANXIM		
				VI.	
		ANXIN M	ANXIN AN	KIN ANXIN	
		XIN ANXIN	VI VI		
			MAXIM AI		
				ANXIN K.	
MXIN	MXIN			H ANXIN	
	ANXIN			N ANXIN	
	in Yux				
				ANXIN ANXI	
				IN W.	
XIM	MXIM			ANXIN	
			Les My		

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11/1/	EN 60335-2-35		VL.
Requirement + Test	MXIII	Result - Remark	Verdict
•	Requirement + Test	Requirement + Test	Requirement + Test Result - Remark

29.1	TABLE: Clearances	12	P
1/21	Overvoltage category	WHY!	_

						2
			Type of ir			
Rated impulse voltage (V):	Min. cl (mm)	Basic (mm)	Supplementar y (mm)	Reinforced (mm)	Functiona I (mm)	Verdict / Remark
330	0,2* / 0,5 / 0,8**	17X	- 11		\ \P_	N/A
500	0,2* / 0,5 / 0,8**	<i></i>	A. A	-47		N/A
800	0,2* / 0,5 / 0,8**	1	M	N This	P	N/A
1 500	0,5 / 0,8** / 1,0***	FAL	- 47		17/15	N/A
2 500	1,5 / 2,0***	2.8	6.5	P	4.3	AN P
4 000	3,0 / 3,5***	0	172, -	6.4	MX	N/A
6 000	5,5 / 6,0***	114			VG.	N/A
8 000	8,0 / 8,5***		MXIII	TVIN		N/A
10 000	11,0 / 11,5***	10	-	Pi-	4/4	N/A

Supplementary information:

ANXIN

^{*)} For tracks on printed circuit boards if pollution degree 1 and 2

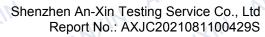
^{**)} For pollution degree 3

^{***)} If the construction is affected by wear, distortion, movement of the parts or during assembly



Thy	My My	EN 60335-2-35	ALL	MXIII
Clause	Requirement + Test	MXIIIa	Result - Remark	Verdict

29.2	TABLE:	Creep	age dis	tances	, basic, su	ıppleme	entary a	nd reinfo	rced i	nsulat	ion	P	
Working (V)	voltage			Cre	eepage di (mm) ollution de	stance							
		1		2			3		Type of insulation			Verdict	
			Ma	terial g	roup	Ма	aterial g	roup					
			ı	II	IIIa/IIIb	ı	II	IIIa/IIIb*	B**	S**	R**		
≤50	0	0,18	0,6	0,85	1,2	1,5	1,7	1,9		_	_	N/A	
≤50	0	0,18	0,6	0,85	1,2	1,5	1,7	1,9	_	VIA	_	N/A	
≤50	0 P	0,36	1,2	1,7	2,4	3,0	3,4	3,8	_	_	1	N/A	
12	5	0,28	0,75	1,05	1,5	1,9	2,1	2,4		_	_	N/A	
12	5	0,28	0,75	1,05	1,5	1,9	2,1	2,4	_	N	_	N/A	
12	5 J	0,56	1,5	2,1	3,0	3,8	4,2	4,8			P	N/A	
250	0	0,56	1,25	1,8	2,5	3,2	3,6	4,0	3.3	_	_	Р	
250	0 1	0,56	1,25	1,8	2,5	3,2	3,6	4,0		6.5	_	P	
250	0	1,12	2,5	3,6	5,0	6,4	7,2	8,0	_		7.4	Р	
400	0	1,0	2,0	2,8	4,0	5,0	5,6	6,3		_	_	N/A	
400	0	1,0	2,0	2,8	4,0	5,0	5,6	6,3	_		_	N/A	
400	0 ////	2,0	4,0	5,6	8,0	10,0	11,2	12,6	_	_	VL	N/A	
500	0	1,3	2,5	3,6	5,0	6,3	7,1	8,0	-1		_	N/A	
500	0 44	1,3	2,5	3,6	5,0	6,3	7,1	8,0	_		_	N/A	
500	0	2,6	5,0	7,2	10,0	12,6	14,2	16,0	_	_	M	N/A	
>630 and	d ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0		_	_	N/A	
>630 and	d ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	_		_	N/A	
>630 and	d ≤800	3,6	6,4	9,0	12,6	16,0	18,0	20,0	_	_	71-	N/A	
>800 and	I ≤1000 .	2,4	4,0	5,6	8,0	10,0	11,0	12,5	47	_	_	N/A	
>800 and	I ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	_		_	N/A	
>800 and	I ≤1000	4,8	8,0	11,2	16,0	20,0	22,0	25,0		_		N/A	
>1000 and		3,2	5,0	7,1	10,0	12,5	14,0	16,0	P	_	_	N/A	
>1000 and	71-	3,2	5,0	7,1	10,0	12,5	14,0	16,0	_			N/A	
>1000 and		6,4	10,0	14,2	20,0	25,0	28,0	32,0	_			N/A	
>1250 and		4,2	6,3	9,0	12,5	16,0	18,0	20,0	1	_		N/A	
>1250 and	VIP -	4,2	6,3	9,0	12,5	16,0	18,0	20,0	_			N/A	
>1250 and		8,4	12,6	18,0	25,0	32,0	36,0	40,0				N/A	





(IL)	My My	EN 60335-2-35	VL,		MXII
Clause	Requirement + Test	MXIII	Result - Remark	MILL	Verdict
MIN	is,	, P.	VI.	"HY.	-17

29.2 TA	BLE: Cre	epage dis	stances,	basic, sı	uppleme	entary a	nd reinfo	rced i	nsulat	ion	P
Working volta (V):	12/1		Cre	epage di (mm) ollution d	stance	-					
	1		2			3		Type of insulation			Verdict
		Ma	aterial g	roup	Ма	terial g	roup				
		ı	II	IIIa/IIIb	ı	II	IIIa/IIIb*	B**	S**	R**	
>1600 and ≤20	5,6	8,0	11,0	16,0	20,0	22,0	25,0			_	N/A
>1600 and ≤20	5,6	8,0	11,0	16,0	20,0	22,0	25,0		VIA		N/A
>1600 and ≤20	000 11,	2 16,0	22,0	32,0	40,0	44,0	50,0	_	_	4	N/A
>2000 and ≤2	500 7,5	10,0	14,0	20,0	25,0	28,0	32,0		_	_	N/A
>2000 and ≤25	500 7,5	10,0	14,0	20,0	25,0	28,0	32,0	_	13	_	N/A
>2000 and ≤2	500 15,	0 20,0	28,0	40,0	50,0	56,0	64,0	_	_	F	N/A
>2500 and ≤32	200 10,	0 12,5	18,0	25,0	32,0	36,0	40,0		_	_	N/A
>2500 and ≤32	200 10,	0 12,5	18,0	25,0	32,0	36,0	40,0		7.	_	N/A
>2500 and ≤32	200 20,	0 25,0	36,0	50,0	64,0	72,0	80,0			NA	N/A
>3200 and ≤40	000 12,	5 16,0	22,0	32,0	40,0	45,0	50,0		_	_	N/A
>3200 and ≤40	000 12,	5 16,0	22,0	32,0	40,0	45,0	50,0	_		_	N/A
>3200 and ≤40	000 25,	0 32,0	44,0	64,0	80,0	90,0	100,0	_	_	DL	N/A
>4000 and ≤50	000 16,	0 20,0	28,0	40,0	50,0	56,0	63,0	. ~1		_	N/A
>4000 and ≤50	000 16,	0 20,0	28,0	40,0	50,0	56,0	63,0	_		_	N/A
>4000 and ≤50	000 32,	0 40,0	56,0	80,0	100,0	112,0	126,0		_	M	N/A
>5000 and ≤63	300 20,	0 25,0	36,0	50,0	63,0	71,0	80,0		_	_	N/A
>5000 and ≤63	300 20,	0 25,0	36,0	50,0	63,0	71,0	80,0			_	N/A
>5000 and ≤63	300 40,	0 50,0	72,0	100,0	126,0	142,0	160,0		_	114.	N/A
>6300 and ≤80	000 25,	0 32,0	45,0	63,0	80,0	90,0	100,0	47		_	N/A
>6300 and ≤80	000 25,	0 32,0	45,0	63,0	80,0	90,0	100,0	_		_	N/A
>6300 and ≤80	000 50,	0 64,0	90,0	126,0	160,0	180,0	200,0	_	_		N/A
>8000 and ≤10	000 32,	0 40,0	56,0	80,0	100,0	110,0	125,0	P	_	_	N/A
>8000 and ≤10	000 32,	0 40,0	56,0	80,0	100,0	110,0	125,0	_		_	N/A
>8000 and ≤10		0 80,0	112,0	160,0	200,0	220,0	250,0	_			N/A
>10000 and ≤12	71.4	0 50,0	71,0	100,0	125,0	140,0	160,0	111	_		N/A
>10000 and ≤12		0 50,0	71,0	100,0	125,0	140,0	160,0	_		_	N/A
>10000 and ≤12			142,0	200,0	250,0	280,0	320,0				N/A

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OIN IL	AT AT				
	Illa	WIN M	EN 60335-2-35	VIII.	MXIII
	Clause	Requirement + Test	MXIII	Result - Remark	Verdict
	MIL	, id	, N.	VIL. MY	

MIL		la.					AT		-	NY.		-17
29.2	TABLE:	Creep	age dis	tances,	basic, su	ıppleme	entary a	nd reinfo	rced i	nsulat	ion	P
Working (V)	_			Creepage distance (mm) Pollution degree								
		1	1 2 Material group			3			Type of insulation		Verdict	
						Material group		roup				
			I	II	IIIa/IIIb	ı	II	IIIa/IIIb*	B**	S**	R**	

Supplementary information:

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

^{**)} B = Basic insulation, S = Supplementary insulation, R = Reinforced insulation



The	MY MY	EN 60335-2-35	AM	MXII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict
M	12:	P.	VIA. "MY.	

Wor	king voltage (V):		Creepage distance (mm) Pollution degree						
		1		2			3		
			Ma	terial g	roup	Ma	terial gr	oup	
			I	II	IIIa/IIIb	ı	II	IIIa/IIIb*	Verdict / Remark
	≤10	0,08	0,4	0,4	0,4	1,0	1,0	1,0	N/A
MXIII	50	0,16	0,56	0,8	1,1	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	Р
7	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
>63	30 and ≤800	1,8	3,2	4,5	6,3	8,0	9,0	10,0	N/A
>80	0 and ≤1000	2,4	4,0	5,6	8,0	10,0	11,0	12,5	N/A
>100	00 and ≤1250	3,2	5,0	7,1	10,0	12,5	14,0	16,0	N/A
>125	50 and ≤1600	4,2	6,3	9,0	12,5	16,0	18,0	20,0	N/A
>160	00 and ≤2000	5,6	8,0	11,0	16,0	20,0	22,0	25,0	N/A
>200	00 and ≤2500	7,5	10,0	14,0	20,0	25,0	28,0	32,0	N/A
>250	00 and ≤3200	10,0	12,5	18,0	25,0	32,0	36,0	40,0	N/A
>320	00 and ≤4000	12,5	16,0	22,0	32,0	40,0	45,0	50,0	N/A
>400	00 and ≤5000	16,0	20,0	28,0	40,0	50,0	56,0	63,0	N/A
>500	00 and ≤6300	20,0	25,0	36,0	50,0	63,0	71,0	80,0	N/A
>630	00 and ≤8000	25,0	32,0	45,0	63,0	80,0	90,0	100,0	N/A
>800	0 and ≤10000	32,0	40,0	56,0	80,0	100,0	110,0	125,0	N/A
>1000	00 and ≤12500	40,0	50,0	71,0	100,0	125,0	140,0	160,0	N/A

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

ANXIN



XIM

A A	, 12 (12)	ANX" AN	XIN MXIN	WXIN K	MXIN AIR
	N agen	ANXIN	Page 100 of 105	Shenzhen An-Xin Test Report No.: AX	ting Service Co., Ltd JC2021081100429S
XIN TE	STING		MXIM		
	(II)	Why I	EN 60335-2-35	VIA.	ANXII
	Clause	Requirement + Test	MXIIA	Result - Remark	Verdict
	MAIN	4112	- 18- K.	VI.	W. M.

lowed impression diameter (mm)	- AND	<i>419</i>			AR!	7.4
Diject/ Part No./ Material Manufacturer/ trademark Dibbin of T1 See table 24.1 125 0.9 DB See table 24.1 125 1.1 DB See table 24.1 75 1.2 DIPPlementary information:	30.1			noplastics	IN .	P
trademark bibbin of T1 See table 24.1 DB See table 24.1 See table 24.1 See table 24.1 T5 1.2 ppplementary information:	Allowed in	npression diame	eter (mm):	VIA. VIA.	N/A	· —
See table 24.1 125 1.1 astic enclosure See table 24.1 75 1.2 applementary information:	Object/ Pa	rt No./ Material		Test temperature (°C)	Impression diam	eter (mn
astic enclosure See table 24.1 75 1.2 applementary information:	Bobbin of T	1-111	See table 24.1	125	0.9	W.
applementary information:	PCB	L.	See table 24.1	125	1.1	
applementary information:	Plastic encl	losure (1)	See table 24.1	75	1.2	ANY
ANXIN		VIA.	VINY.	14X112 11X11	411	
ANXIN	Supplemen	tary information:		V. VIA	AMX	
ANXIN		VI.	VHX.,	MXIL	MY	121
ANXIN	AN		la.			
ANXIN						
ANXIN						
ANXIN						
ANXIN						
ANXIN						
ANXIN						
ANXIN						
ANXIN				hi	, r	
IN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANX						
IN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANX		1				
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IN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANX						
IN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANX						
IN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN						
WANTED BUXIN WASHIN WALL BUY				<i>a</i>		
WANTED BUXIN WASHIN WALL BUY						
WATER BUXIN WATER WATER BUY						
NXIN ANXIN						
NXIN ANXIN						
MXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN						
MXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN	10.					
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ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN						
ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN ANXIN				47		
WAXIN WAXIN WAXIN WAXIN WAXIN WAXIN			r.			



The .	My My	EN 60335-2-35	VIII.	MXIII
Clause	Requirement + Test	MXIII	Result - Remark	Verdict

Object	Glow wire test (GWT); (°C)								
Object/ Part No./	Manufacturer					· · ·		V	
Material	trademark	550	te	50 ti	te	50 ti	850	Verdict	
obbin of T1	See table 24.1	XIZ	- AN	XIII	08	08	No flame, no drop	Pla P	
РСВ	See table 24.1	ANXI	7 -	MXIN	08	08	No flame, no drop	N BW	
erminal on ontrol PCB	See table 24.1		NIN		08	08	No flame, no drop	Р	
Plastic enclosure	See table 24.1	IM	08	08	- W	V E IX.	No flame, no drop	MX P	
Capacitor	See table 24.1	08	P _L		VIJY.	- PZ	No flame, no drop	PXII	
N		Thy.	D	MXII.	. ~	(II)	IN		
Object/ Part No./	Manufacturer /	Glow		mmability /FI), °C	index		tion temp. IT), °C	Verdict	
Material	trademark	550	650	750	850	675	775		
VL,	-MX		NXIII		14/4		N -	N/A	
ne test spec	imen passed the	glow wire	test (GV	T) with no	ignition [(te	e – ti) ≤ 2s]	(Yes/No):	YES	
no, then sur	rounding parts p	assed the	needle-f	lame test	of annex E	(Yes/No)		No	
	imen passed the wire (Yes/No)?				laming mate	_		YES	

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

30.2/30.2.4 TABLE:	Needle- flame test (N	FT)	N AI	N/A	
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
and h	N. S.	Vyv.	MXIII	MXIN	
MXII	MXIL	UM U	4	N BI	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



EN 62233: 2008

Measurement methods for electromagnetic fields of household appliances and similar apparatus with regard to human exposure

Clause	Requirement - Test	Result - Remark	Verdict
5	Measuring methods		
5.1	Electric fields		Р
4	If appliances, with their internal transformer or electronic circuit, are working at voltage lower than 1000V, they are deemed to comply without testing	NY ANX	VHXIII
5.2	Frequency range		
	The frequency range considered is from 10Hz to 400KHz	MXIN MXI	Р
5.3	Measuring distances, positions and operating mode	M IN	Р
25	The measuring distances, sensor locations and operating conditions are specified in Annex A	A Proxi.	1XIII
5.4	Magnetic fields sensor	41/4	P
5.5	Measuring procedures for magnetic fields	Time domain evaluation	AP
5.7	Model:	W55	Р
VHX	Rated voltage (V)	AC220V-240V	PAT
tre	Measuring equipment:	Magnetic field probe 100cm ² Exposure level tester	Р
, bis	Measuring distance(cm)	30cm	R
	Sensor location:	Top, Front	N/P
MIX	Operating conditions	Without dishes in the washing mode and drying mode	P
3,-	Coupling factor:	0.18	Р
711.	Test duration:	Until steady condition	Р
BLAN	Measurement uncertainty (U):	4 114	N
	The weighted result W:	6.57%	Р



Shenzhen An-Xin Testing Service Co., Ltd Report No.: AX.IC2021084400

Appendix 2

Photo documentation

Photo 1 View: [1] Front [] Rear [-1]Right side [] Left side [1] Top [] **Bottom** [] Internal 21 22 23 24 25 26 2

Photo 2

View:

Front

[√] Rear

Right side

Left side []

[] Top

[] **Bottom**

[] Internal





Shenzhen An-Xin Testing Service Co., Ltd Report No.: AXJC2021081100429S

Photo 3

View:

[] Front

[] Rear

[] Right side

[] Left side

[] Top

[] Bottom

[√] Internal



Photo 4

View:

[√] Front

[] Rear

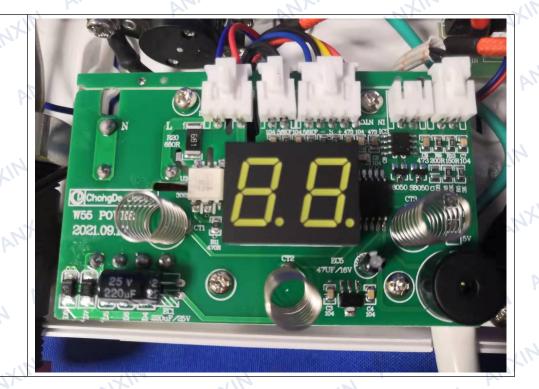
[] Right side

[] Left side

[] Top

[] Bottom

[] Internal





XIM

XIN AN	ANXII	ANXIN ANXIN	AHXIM	MXIN AIR	AIX.
ANXIN TES	TING ANXIN ANXIN	Page 105 of 1	Shenzhen An-X	Xin Testing Service No.: AXJC20210811	
MANA MA	Photo 5				AN
XII.	View:			a a	
ANXIN	[] Front [√] Rear				3XIV
ANXIN	[] Right side		1 , 44 5 5 5		ANXI
H M	[] Left side		38550		
MXIM	[] Top	Ti o	RT - S +	•	111/2
ANXIN	[] Internal				ANXIN
THY WAXE	WIN ANXIN A'	HXIN AHXIN	ANXIN	AXIN AN	XIM AM
ANXIN AT	MXW WXW	ANXIN	D-N ANXIN N		ANXIN
H ANXIN					W ANXII
AXIN ANY		ANXIN ANXIN		ANXIN ANY	WXIN AT
ANXIN			TYPA PAYAN		ANXIN
THY ANXIE	AIN ANXIN AT	TXIN ANXIN AL	ANXIN ANX		KIM ANY
ANXIN AR	ANXIN ANXIN	ANXIN	IN ANXIN N	ANXIN AN	ANXIN