

Safety Test Report

Report No.:AGC03946180703ES01

PRODUCT DESIGNATION: 5w wireless charging stand

BRAND NAME : N/A

MODEL NAME : P308.77

CLIENT: Xindao B.V.

DATE OF ISSUE : Jul. 26, 2018

STANDARD(S) : EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

REPORT VERSION: V1.0

Attestation of Global Compliance (Shenzhen) Co., Ltd.

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TEST REPORT

EN 60950-1

Information technology equipment-Safety-Part 1: General requirements

Report Reference No...... AGC03946180703ES01

Tested by(+ signature) Albert Liang

Reviewed by (+ signature) Jenny Li

Matte He

Approved by (+signature).....(Authorized Officer)

Contents...... Total 51 pages.

Testing laboratory

Name...... Attestation of Global Compliance (Shenzhen) Co., Ltd.

Gushu, Xixiang, Bao'an District, Shenzhen, Guangdong, China

Jemyli mette He

Testing location...... Same as above.

Manufacturer

Name....: Xindao B.V.

Factory

Name.....: Xindao B.V.

Test specification

Standard...... EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

Procedure deviation...... N/A

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

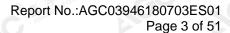
Test Report Form/blank test report

Test Report Form No...... AGC60950A8

Test Report Form(s) Originator....... AGC

Master TRF Dated 2017-01

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Test item			环 恒	phianco K 12 This	-
Product designation:	5w wireless cha	rging stand			The station
Brandname:					par
Test model:					[11]
Series model:					Compliance
	Input: 5Vdc, 2A Output Power: 5	SW &	All	of Mindeline of Citation	
Particulars	® Milestation of C	Name			D
Equipment mobility			☐ hand-held☐ for building-in	☐transportable ☐direct plug-in	
Connection to the mains		□pluggable e	equipment 🔲 typ		E Fonds
	15	permanent		# Anot clobal con.	testativ
			power supply cor able power suppl		
(c) Manual Manual Company of Comp			connected to the	•	
Operating condition		⊠continuous			
		☐rated opera ⊠operator ac	ating/ resting time:	(8) A Julion of Clothan	
Access location	(S) (Mg. 1	and (A2)	ccessible ccess location		
Over voltage category(OVC)	-C	lai—		□OVC IV ⊠other	
Mains supply tolerance(%) or absolute supplyvalues	mains:	N/A			
Tested for IT power systems			No		
IT testing, phase-phase voltage(V)	· · · · · · · · · · · · · · · · · · ·				
Class of Equipment		☐Class I	☐Class II	⊠Class III	
One-idenced correct rating of protective	Alarias as part	not classifie	d The Manager		
Considered current rating of protective of the building installation (A)	3 device as pair	N/A			
Pollution degree(PD)	:	□PD 1	⊠PD2	□PD3	
Protection against ingress of water	:	IPX0			
Altitude during operation (m)	·····:	2000m			
Altitude of test laboratory (m)	A The Complete	<500m			
Mass of equipment (kg)	glion o	<1Kg	GO		
Test case verdicts			Was and	To Parliance @ 4	TE Fond
Test case does not apply to the test ob	oject:	N (/A)			
Test item does meet the requirement	E The son	P (ass)			
Test item does not meet the requireme	∌nt:	F (ail)		-111	
Testing	2	lite	不管	phone I I Tomplance	
Date of receipt of test item	······································	Jul.10, 2018			
Date(s) of performance of test	The comme	Jul.11-Jul. 16	, 2018 & Jul. 25, 2	2018	

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Attachment A.....: Photos of product

General remarks

This report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item tested.

"(See remark #)" refers to a remark appended to the report.

"(See appended table)" refers to a table appended to the report.

Throughout this report a comma is used as the decimal separator.

Report Revise Re	cord:				
Report Version	Revise Time	Issued Date	Valid Version	Notes	
V1.0	1	Jul.26, 2018	Valid	Original report	(8)

General product information

The product is used for charging mobile or similar information technology equipment.

The product is intend to supply by USB port that considered to comply with the LPS and SELV requirment of this standard; Therefore the product's circuit considered as Class III of SELV.

Instructions and equipment marking related to safety is applied in the language that is acceptable in the country in which the equipment is to be sold.

The product was submitted and tested for use at the manufacturer's recommended ambient temperature (Tma) of 40°C.

The original test report Ref. No. AGC03946180704ES01 (dated 2018-07-17), was modified on 2018-07-26 to change the applicant, manufacturer and factory, no further testing necessary.

Summary of testing

The test item passed.

Copy of marking plates

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.

5w wireless charging stand

Model: P308.77

Input: 5V === 2A Output: 5W €



Xindao B.V.

P.O. Box 3082, 2280 GB, Rijswijk,

The Netherlands

Importer: XXXXXXXX Address: XXXXXXXX

Made In Netherlands

Remark:

- 1) The CE marking and WEEE symbol (if any) should be at least 5mm and 7mm respectively in height.
- 2) The markings and instructions are the minimum requirements required by safety standard. For final production samples, the additional markings which do not give rise to misunderstanding may be added.
- 3) As declared by the applicant, the importer (and manufacturer, if it is different)'s name, registered trade name or mark and the postal address will be marked on the products before being place on the market.
- 4) Marking on the packaging or in a document accompanying the electrical equipment is only acceptable if it is not possible to place such markings on the product.

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
Compliance	T. C. Santon	100 100 11			
1 ◎ 靈	GENERAL		P		
-,0 "			on of Global		
1.5	Components	And control of the state of the	Р		
1.5.1	General		Р		
NG (Comply with IEC 60950 or relevant component standard	Components which were found to affect safety aspects comply with the requirements of this standard or with the safety aspects of the relevant IEC/EN component standards. (see appended table 1.5.1)	P		
1.5.2	Evaluation and testing of components	Components which are certified to IEC/EN and/or national standards are used correctly within their ratings. Components not covered by IEC/EN standards are tested under the conditions present in the equipment.	P		
1.5.3	Thermal controls	No any thermal controls.	atallon of N		
1.5.4	Transformers	No transformers	N		
1.5.5	Interconnecting cables	10	Р		
1.5.6	Capacitors bridging insulation	No such capacitor.	N		
1.5.7	Resistors bridging insulation	The accompanies of Francisco	B ∰		
1.5.7.1	Resistors bridging functional, basic or supplementary insulation	Functional only	P		
1.5.7.2	Resistors bridging double or reinforced insulation between a.c. mains and other circuits		N. T		
1.5.7.3	Resistors bridging double or reinforced insulation between a.c. mains antenna or coaxial cable	A Tombour Of The State of the Control of t	ation of N		
1.5.8	Components in equipment for IT power systems	- CO " EV	N		
1.5.9	Surge suppressors	No such parts.	N		
1.5.9.1	General	The Republic To The State of th	® N		
1.5.9.2	Protection of VDRs	3 Martin de Salar Company	N		
1.5.9.3	Bridging of functional insulation by a VDR	, GO D	N		
1.5.9.4	Bridging of basic insulation by a VDR	110	N		
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR	S S S S S S S S S S S S S S S S S S S	N		
711	The state of the s	60 160			
1.6	Power interface		Р		

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	EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict			
1.6.1	AC power distribution systems	No direct mains connection.	N			
1.6.2	Input current	(See appended table 1.6.2)	P ::			
1.6.3	Voltage limit of hand-held equipment	Not hand-held equipment	Napilano			
1.6.4	Neutral conductor	Class III equipment, no neutral conductor.	teete on of or N			

7 O O O O		*O	
1.7	Marking and instructions	711	Р
1.7.1	Power rating	See below	® P. Statio
	Rated voltage(s) or voltage range(s) (V):	See marking plate	
® 5%	Symbol for nature of supply, for d.c. only:	See marking plate	
GG Alless	Rated frequency or rated frequency range (Hz):	测	
	Rated current (mA or A)	See marking plate	
1.7.1.2	Identification markings	(a) Alleston do	P
Outblanes © We	Manufacturer's name or trademark or identification mark	See marking plate	
a.C hite	Type/model or type reference:	See marking plate	
O .	Symbol for Class II equipment only:	M. Company	
报	Other marking and symbols:	See marking plate.	
1.7.1.3	Use of graphical symbols		P
1.7.2	Safety instructionsand marking	Provided.	Р
1.7.2.1	General	See below.	Р
1.7.2.2	Disconnect devices	No such devices	N
1.7.2.3	Overcurrent protective device		N 1
1.7.2.4	IT power distribution systems		IN N
1.7.2.5	Operator access with a tool	And Company	N
1.7.2.6	Ozone	C American	N
1.7.3	Short duty cycles	Equipmentis designed forcontinuous operation.	N
1.7.4	Supply voltage adjustment:	No such devices used	N
不懂	Methods and means of adjustment; reference to installation instructions:		N
1.7.5	Power outlets on the equipment:		∌ N
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference):	S S S S S S S S S S S S S S S S S S S	N
1.7.7	Wiring terminals	-0 -0	N

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
1.7.7.1	Protective earthing and bonding terminals:	Class III equipment, no protective earthing	5 N		
1.7.7.2	Terminal for a.c. mains supply conductors		N		
1.7.7.3	Terminals for d.c. mains supply conductors	B. T. British S. S.	on of Good N		
1.7.8	Controls and indicators	of the control of the	Р		
1.7.8.1	Identification, location and marking	It is obviously unnecessary.	N		
1.7.8.2	Colours	The colours used for LED are indicating function. No safety consideration.	P		
1.7.8.3	Symbols according to IEC 60417	2.0	N		
1.7.8.4	Markings using figures	Not applicable.	N N		
1.7.9	Isolation of multiple power sources	No direct connection to mainssupply	mpliance N		
1.7.10	Thermostats and other regulating devices	No thermostats or other regulating devices used	N		
1.7.11	Durability	The marking withstands required tests.	Р		
1.7.12	Removable parts	No such parts.	N		
1.7.13	Replaceable batteries	No battery	estation of N		
ALS.	Language(s)	" CO CO			
1.7.14	Equipment for restricted access locations:		N		

2	PROTECTION FROM HAZARDS		P
2.1	Protection from electric shock and energy hazards	No hazardous parts in operatoraccess areas.	Р
2.1.1	Protection in operator access areas	- 11	P
2.1.1.1	Access to energized parts	No energized parts.	Р
. A	Test by inspection	Sent Con Control of the Control of t	
KE Thiston	Test with test finger(Figure 2A):		
balcon	Test with test pin (Figure 2B)	70	
100	Test with test probe (Figure 2C)		
	M R. M. T. K. Marine	3 Mary discourse (8) Mary discourse (9)	
2.1.1.2	Battery compartments:	, " - GO D	N
2.1.1.3	Access to ELV wiring		. N
	Working voltage (Vpeak or Vrms); minimum distance (mm) through insulation	S S S S S S S S S S S S S S S S S S S)00l)
2.1.1.4	Access to hazardous voltage circuit wiring	60 60	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
2.1.1.5	Energy hazards	No energy hazard in operator access area.	N
2.1.1.6	Manual controls		N
2.1.1.7	Discharge of capacitors in equipment	No primary circuit.	on of Global N
*451	Time-constant (s); measured voltage (V)	and come of the selection of the selecti	
2.1.1.8	Energy hazards – d.c. mains supply	Not directly connect to mains supply	N
Attestation	a)Capacitor connected to the d.c. mains supply:		N
P _C	b)Internal battery connected to the d.c. mains supply	The transfer of the state of th	N
2.1.1.9	Audio amplifiers	No any amplifiers	N
2.1.2	Protection in service access areas		, N
2.1.3	Protection in restricted access locations	拉, 1000	ingliance N

2.2	SELV circuits	-G - GO	P
2.2.1	General requirements	42.4V peak or 60VDC are not exceeded in SELV circuit under normal operation or single fault condition.	P The Townson
2.2.2	Voltages under normal conditions (V)	Within SELV limits.	Р
2.2.3	Voltages under fault conditions (V)	Within SELV limits.	Р
2.2.4	Connection of SELV circuits to other circuits:	· · · · · · · · · · · · · · · · · · ·	M J

2.3	TNV circuits		N
2.3.1	Limits	No TNV circuits.	N 🕬
G Alle	Type of TNV circuits		IN.
2.3.2	Separation from other circuits and from accessible parts	A Secretario Constitution of Secretario Constitu	M N
2.3.2.1	General requirements	- CO - E	N
2.3.2.2	Protection by basic insulation		N
2.3.2.3	Protection by earthing	The State of the S	N N
2.3.2.4	Protection by other constructions:	D Francisco Comment Co	N
2.3.3	Separation from hazardous voltages	1, 200	N
The station of Give	Insulation employed:	100	. ™N
2.3.4	Connection of TNV circuits to other circuits	The state of the s	N
, d	Insulation employed:	© Michael Communication of Michael Communicati	N
2.3.5	Test for operating voltages generated externally	60 00	N

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
2.4	Limited current circuits	CO CO .	N		
2.4.1	General requirements	No limited current circuits to be evaluated.	N		
2.4.2	Limit values		N		
	Frequency (Hz)	and Committee of the State of Committee of C	N		
五 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Measured current (mA)	-0	N		
Allestation of Good	Measured voltage (V)	No.	N		
~ G	Measured capacitance (nF or μF)	· · · · · · · · · · · · · · · · · · ·	o N		
2.4.3	Connection of limited current circuits to other circuits	And the second second	O _N		

2.5	Limited power sources		ubliance N
	a)Inherently limited output	S S S S S S S S S S S S S S S S S S S	N.
lin:	b)Impedance limited output	- 6	N
ompliance (3)	c)Regulating network limited output under normal operating and single fault condition		N
60	d)Overcurrent protective device limited output	The state of the s	N
· K	Max. output voltage (V), max. output current (A), max. apparent power (VA):	CC CC	<u></u>
Frof Global C	Current rating of overcurrent protective device (A)		N N
ttestan	Use of integrated circuit (IC) current limited	· · · · · · · · · · · · · · · · · · ·	N .

2.6	Provisions for earthing and bonding	- GU	N
2.6.1	Protective earthing	Class III equipment.	N 🧌
2.6.2	Functional earthing	1111	I IN Something
	Use of symbol for functional earthing	The State of the S	N
2.6.3	Protective earthing and protective bonding conductors	- CC **** SCO	N
2.6.3.1	General		N
2.6.3.2	Size of protective earthing conductors	IN Completion I I The Completion	N
TK N	Rated current (A), cross-sectional area (mm²), AWG	CC SC	N
2.6.3.3	Size of protective bonding conductors		₩ N
Alle	Rated current (A), cross-sectional area (mm²), AWG:	S S S S S S S S S S S S S S S S S S S	Serrebilizati N
2.6.3.4	Resistance of earthing conductors and their terminations, resistance(Ω), voltage drop(V),test current (A), duration(min)	CC CC	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
2.6.3.5	Colour of insulation	GO - GO (N
2.6.4	Terminals		N sal
2.6.4.1	General	liji lim	Th N
2.6.4.2	Protective earthing and bonding terminals	The state of the s	on of Com
平下地	Rated current (A), type and nominal thread diameter (mm)	CC PC	N
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors		N
2.6.5	Integrity of protective earthing	- F deland comme	N
2.6.5.1	Interconnection of equipment	2C **	N
2.6.5.2	Components in protective earthing conductors and protective bonding conductors		N N
2.6.5.3	Disconnection of protective earth	a A Colonia Control of the state of Colonia	N.
2.6.5.4	Parts that can be removed by an operator	C. S. C.	N
2.6.5.5	Parts removed during servicing	CO NO	N
2.6.5.6	Corrosion resistance	15 July 1	N
2.6.5.7	Screws for protective bonding	C To the second of the second	Station of N
2.6.5.8	Reliance on telecommunication network or cable distribution system	CC CC	N

2.7	Overcurrent and earth fault protection in primary circuits		
2.7.1	Basic requirements	Supplied by SELV	N Autos
® ##	Instructions when protection relies on building installation	S. So. N	N
2.7.2	Faults not covered in 5.3.7		IN
2.7.3	Short-circuit backup protection	K Schrister	N
2.7.4	Number and location of protective devices:	Authoritation of Co.	N
2.7.5	Protection by several devices	-G-	N
2.7.6	Warning to service personnel:		N #

2.8	Safety interlocks	N
2.8.1	General principles No safety interlocks	N
2.8.2	Protection requirements	The Manual N
2.8.3	Inadvertent reactivation	N N
2.8.4	Fail-safe operation	N
Compliance	Protection against extreme hazard	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
2.8.5	Moving parts	GO GO -	N
2.8.6	Overriding		N sal
2.8.7	Switches and relays		Th N
2.8.7.1	Contact gaps (mm):	Transfer Transfer O St.	N
2.8.7.2	Overload test	8 Marine 1 CO	N
2.8.7.3	Endurance test	CO	N
2.8.7.4	Electric strength test	111	N /
2.8.8	Mechanical actuators	The Management of The Country	Nestation

2.9			N
2.9.1			N
2.9.2	Humidity conditioning	© Marting and California (California)	N
TILL.	Humidity (%),temperature (°C)	CO	N
2.9.3	Grade of insulation		N
2.9.4	Separation from hazardous voltages	The territories	N.
G	Method(s) used:	The Completion S Statement of the Statem	station of N

2.10	Clearances, creepage distances and distances through insulation		
2.10.1	General	Functional insulation only.	ilance N
	Frequency	The Committee of the Co	N
	Pollution degrees		N
® 55	Reduced values for functional insulation		N 🧌
-G ATTO	Intervening unconnected conductive parts	701 E 701	IN Managar
	Insulation with varying dimensions	The Second Secon	alion of N
-TILL	Special separation requirements	C Million CO	N
hal Compliance	Insulation in circuits generating starting pulses	100	N
2.10.2	Determination of working voltage	10000000000000000000000000000000000000	N #
2.10.3	Clearances	The Committee of the decided of the control of the	N. Hastan
2.10.3.1	General	- C - C	N
2.10.3.2	Mains transient voltages		N
Attestation	a)AC mains supply	报 300	Juniance N
	b)Earthed d.c. mains supplies	O A Harden	N
LITE:	c)Unearthed d.c. main supplies	-0" 60	N
Compliance	d)Battery operation:	100	N

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	EN 60950-1		1
Clause	Requirement – Test	Result – Remark	Verdict
2.10.3.3	Clearances in primary circuits	CO CO .	N
2.10.3.4	Clearances in secondary circuits		N
2.10.3.5	Clearances incircuits having starting pulses		The N
2.10.3.6	Transients from a.c. mains supply:	T. T	on of Gam
2.10.3.7	Transients from d.c. mains supply:		N
2.10.3.8	Transients from telecommunication networks and cable distribution systems:	CO DE	N
2.10.3.9	Measurement of transient voltage levels	The Barrier The Target and The Target and The Target and Target an	N
	a)Transients from a mains supply	© Figure of the Company of the Compa) N
8 F	For a.c. mains supply	1	N
C Attest	For d.c. mains supply:	1111	₩ N
	b)Transients from	The Management of The Total	N
2.10.4	Creepage distances	© American	N
2.10.4.1	General	GO SO	N
2.10.4.2	Material group and comparative tracking index	4.11	N
60 M	CTI tests	THE THE STATE OF T	N
2.10.4.3	Minimum creepage distances	Standard C. Standard C. C.	N
2.10.5	Solid insulation	100	N
2.10.5.1	General		M N
2.10.5.2	Distances through insulation	The Third The Third Con	N
2.10.5.3	Insulation compound as solid insulation	8 A Hodeland	N
2.10.5.4	Semiconductor device		N
2.10.5.5	Cemented joints		N
2.10.5.6	Thin sheet material - General		F N
2.10.5.7	Separable thin sheet material	The come	N
	Number or layers(pcs):	-C ************************************	N
2.10.5.8	Non-separable thin sheet material	30	N
2.10.5.9	Thin sheet material – standard test procedure	The same	o N
	Electric strength test	© Manufacture (S. Manufacture)	N
2.10.5.10	Thin sheet material – alternative test procedure	CO	N
The ston of Global coll	Electric strength test	lica	- N
2.10.5.11	Insulation in wound components	TK 控 不 不	ornolizana N
2.10.5.12	Wire in wound components	S S S S S S S S S S S S S S S S S S S	N
7111	Working voltage:	60 - 60	N
Complian	a)Basic insulation not under stress:	lin-	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1111 m	b)Basic, supplementary, reinforced insulation:	60 60	N
Come	c)Compliance with Annex U:		N
TO Attestation	Two wires in contact inside wound component; angle between 45° and 90°	在型 玩鬼型 · **	T. N
2.10.5.13	Wire with solvent-based enamel in wound components	Comments of the second	N
inestation of Grand	Electric strength test	0	N
	Routine test	大型 人名	N
2.10.5.14	Additional insulation in wound components	Same and a second	N
2	Working voltage	20 1	N
Altesta	-basic insulation not under stress		, N
6	-Supplementary, reinforced insulation	五 楼 加 五	N
2.10.6	Construction of printed boards	S SE AND COOM S SE AND COOM	N
2.10.6.1	Uncoated printed boards	CC - GO	N
2.10.6.2	Coated printed boards		N
2.10.6.3	Insulation between conductors on the same inner surface of a printed board	THE STATE OF THE S	the state of clothal com
2.10.6.4	Insulation between conductors on different layers of a printed board	CC CC	N
ation of Global Ca	Distance through insulation		M N
	Number of insulation layers(pcs):	The state of the s	N
2.10.7	Component external terminations	O A State of the s	N
2.10.8	Tests on coated printed boards and coated components)	N
2.10.8.1	Sample preparation and preliminary inspection		IN N
2.10.8.2	Thermal conditioning	K Branch E The Comment of the Commen	es alton of N
2.10.8.3	Electric strength test		N
2.10.8.4	Abrasion resistance test	-G-	N
2.10.9	Thermal cycling		N
2.10.10	Test for Pollution Degree 1 environment and insulating compound	Same of the state	CN
2.10.11	Test for semiconductor devices and cemented joints	, For	N
2.10.12	Enclosed and sealed parts	不 超 。	ompliant N

3	WIRING, CONNECTION	ONS AND SUPPLY	3000		P
3.1	General	60		199	P

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
3.1.1	Current rating and overcurrent protection	Adequate cross sectional areas on internal wiring. No internal wire for primary power distribution.	P		
3.1.2	Protection against mechanical damage	Wires do not touch sharp edges that could damage the insulation and cause hazard.	Paralleria		
3.1.3	Securing of internal wiring	Internal wiring is reliable secured	Р		
3.1.4	Insulation of conductors	700 B	Р		
3.1.5	Beads and ceramic insulators	No such insulators provided.	N #		
3.1.6	Screws for electrical contact pressure	No electrical contact pressure by screwed connections.	N		
3.1.7	Insulating materials in electrical connections	No contact pressure through insulating material.	N		
3.1.8	Self-tapping and spaced thread screws	Thread-cutting or space thread screws are not used for electrical connections.	N		
3.1.9	Termination of conductors	C. Marine	P		
ampliance The	10 N pull test	No break away	Р		
3.1.10	Sleeving on wiring	No sleeving used to provide supplementary insulation	NA		

3.2	Connection to a mains supply	Not Com	N
3.2.1	Means of connection:	Class III equipment, not directly connected to mains	N
3.2.1.1	Connection to an a.c. mains supply	校 那	N
3.2.1.2	Connection to a d.c. mains supply	(a) Affin Translation (b) Affin Affin (b)	N
3.2.2	Multiple supply connections		N
3.2.3	Permanently connected equipment		N
30	Number of conductors, diameter (mm) of cable and conduits:		
3.2.4	Appliance inlets	See Street Co.	N
3.2.5	Power supply cords	700 P	N
3.2.5.1	AC power supply cords	1111	N 🦸
	Type	The company of the state of the	
不管	Rated current (A), cross-sectional area (mm²), AWG:	CC NC	
3.2.5.2	DC power supply cords		₩ N
3.2.6	Cord anchorages and strain relief	A The Comment of the	N
3	Mass of equipment (kg), pull (N)	© American	
- Juli	Longitudinal displacement (mm):	CO SO	
3.2.7	Protection against mechanical damage	100	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
3.2.8	Cord guards	GO 60 1	N
Court	D (mm); test mass (g)	30 30	
Alleste	Radius of curvature of cord (mm)	- III	
3.2.9	Supply wiring space	B. T. T. Commission of the contract of the con	on of Con N

3.3	Wiring terminals for connection of external con-	ductors	N
3.3.1	Wiring terminals		N
3.3.2	Connection of non-detachable power supply cords	The state of the s	N
3.3.3	Screw terminals	in GO	N
3.3.4	Conductor sizes to be connected		₩ N
	Rated current (A), cord/cable type, cross-sectional area (mm²)	O SE TO CONDUCTOR OF SE TO CONDUCTOR OF SE TO CONDUCTOR OF SE TO CONDUCTOR OF SECOND O	
3.3.5	Wiring terminal sizes	CO	N
Omplian 8	Rated current (A), type and nominal thread diameter (mm):		
3.3.6	Wiring terminals design	T. Harden O. S. Standard O. S.	station of N
3.3.7	Grouping of wiring terminals	20 TO	N
3.3.8	Stranded wire	70	N

3.4	Disconnection from the mains supply	The Completion of the Contraction of the Contractio	N
3.4.1	General requirement	Class III equipmen, not directly connected to mains.	S N
3.4.2	Disconnect devices		N
3.4.3	Permanently connected equipment		IN Nomen
3.4.4	Parts which remain energized	To Compliance	N _
3.4.5	Switches in flexible cords	C Allesanor	N
3.4.6	Single-phase equipment and d.c. equipment	100	N
3.4.7	Three-phase equipment	支票。 按票	N #
3.4.8	Switches as disconnect devices	The Comment of the Control of the Co	N
3.4.9	Plugs as disconnect devices	Statement - C finds	N
3.4.10	Interconnected equipment	100	N
3.4.11	Multiple power sources	拉测 五	ompliance N

3.5	Interconnection of equipment	Tonol Global Compiles	Alterdamo	20	P
3.5.1	General requirements	Ailes			Р

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
3.5.2	Types of interconnection circuits	SELV circuit only.	Р
3.5.3	ELV circuits as interconnection circuits	No ELV interconnections.	N sal
3.5.4	Data ports for additional equipment	Input USB port only	The Name of the Party of the Pa

4	PHYSICAL REQUIREMENTS	3 Mar Antion of Clopes (8) Martes Antio	100	P
4.1	Stability	, Marian		N
Alless	Angle of 10°	100	1111	N
	Test: force (N)		E Clopal Comp	N

4.2	Mechanical strength		Р
4.2.1	General	See below	mulianos P
	Rack-mounted equipment.	S S S S S S S S S S S S S S S S S S S	N.
4.2.2	Steady force test, 10 N	Apply to internal component	Р
4.2.3	Steady force test, 30 N	0 10	N
4.2.4	Steady force test, 250 N	250N applied to outer enclosure. No energy or other hazards.	P Comple
4.2.5	Impact test	No hazards	estation on N
相	Fall test		N
Thor Global Co.	Swing test		N N
4.2.6	Drop test; height(m)	1m	P
4.2.7	Stress relief test	70°C, 7h, no damage and no hazards.	- P
4.2.8	Cathode ray tubes	No cathode ray tube.	N
Atte state	Picture tube separately certified	311	The Normaliano
4.2.9	High pressure lamps	No high pressure lamp	ation of Global
4.2.10	Wall or ceiling mounted equipment; force (N):	3 de la companya del companya de la companya del companya de la co	N

4.3	Design and construction		Ρ
4.3.1	Edges and corners	Edges and corners are rounded and smooth.	P
4.3.2	Handles and manual controls; force (N):		N
4.3.3	Adjustable controls	No such adjustable control.	N
4.3.4	Securing of parts	不 提	indiante N
4.3.5	Connection of plugs and sockets	co (i) The stand clother (ii) (ii) (iii) (N
4.3.6	Direct plug-in equipment	Not direct plug-in equipment.	N
Combijan	Torque	, in	N

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EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
Compliance IIII	Compliance with the relevant mains plug standard	CC CC	N
4.3.7	Heating elements in earthed equipment	No heating elements.	N
4.3.8	Batteries	报题	not Glob N
*F. 1	-Overcharging of a rechargeable battery	See	N
The station of Global Committee	-Unintentional charging of a non-rechargeable battery	CC NO	N
	-Reverse charging of a rechargeable battery	点型 工程器	N S
	-Excessive discharging rate for any battery	- F Acidad Com	N
4.3.9	Oil and grease	No oil and grease.	N
4.3.10	Dust, powders, liquids and gases	Equipment in intended use not considered to be exposed to these.	N
4.3.11	Containers for liquids or gases	No containers for liquids or gases	N
4.3.12	Flammable liquids:	The equipment does not contain flammable liquid.	N
mpliance	Quantity of liquid (I)		N
(B) Alter	Flash point (°C)	The Barrier	N
4.3.13	Radiation; type of radiation:	Carried Carried Control of State of Sta	P
4.3.13.1	General		Р
4.3.13.2	Ionizing radiation	No ionizing radiation	N
estation of	Measured radiation (pA/kg)	10	
1/0	Measured high-voltage (kV)	The Tompleron	
	Measured focus voltage (kV)	S Francisco	
@ ## F	CRT markings		
4.3.13.3	Effect of ultraviolet (UV) radiation on materials	No ultraviolet radiation	N N
	Part, property, retention after test, flammability classification	The state of the s	N
4.3.13.4	Human exposure to ultraviolet (UV) radiation:	2.C 100 NO	N
4.3.13.5	Lasers (including laser diodes) and LEDs		Р
4.3.13.5.1	Lasers (including laser diodes)	The state of the s	O N
	Laser class	O A Sand Could O A Sandard Could	
4.3.13.5.2	Light emitting diodes (LEDs)	LEDs for indication only	
4.3.13.6	Other types	lin.	₩ N

4.4	Protection against hazardous moving parts	10 The state of th	N
4.4.1	General	No hazardous moving parts.	N
4.4.2	Protection in operator access areas	, iii	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
A JUII	Household and home/office document/media shredders	CC CC	N
4.4.3	Protection in restricted access locations		N
4.4.4	Protection in service access areas	· 在那	on of Cloth
4.4.5	Protection against moving fan blades	dual com	N
4.4.5.1	General	CO **	N
Attestation	Not considered to cause pain or injury. a):		N
\C	Is considered to cause pain, not injury. b):	不是 第 工 不 是	N
	Considered to cause injury.	Samuel Colored	U N
4.4.5.2	Protection for users	, GO E	N
a.C.	Use of symbol or warning:		₩ N
4.4.5.3	Protection for service persons	N. W. Combined F. Marine	N
	Use of symbol or warning:	© Manual Company	N

4.5	Thermal requirements		P
4.5.1	General	AT THE STATE OF TH	P
4.5.2	Temperature tests	(see appended table 4.5)	Р
K Kampilar	Normal load condition per Annex L	100	
4.5.3	Temperature limits for materials	(see appended table 4.5)	P P
4.5.4	Touch temperature limits	(see appended table 4.5)	P
4.5.5	Resistance to abnormal heat	No thermoplastic parts on which parts athazardous voltage are directly mounted.	N m

4.6	Openings in enclosures		P
4.6.1	Top and side openings	No openings	Р
111	Dimensions (mm):	-C	
4.6.2	Bottoms of fire enclosures	Fire enclosure not required	N
	Construction of the bottom:	· 我们	
4.6.3	Doors or covers in fire enclosures	No doors or covers	N
4.6.4	Openings in transportable equipment	No openings	Р
4.6.4.1	Constructional design measures		-∭ N
Alles	Dimensions(mm)	The state of the s	ompilant. N
4.6.4.2	Evaluation measures for larger openings	So Samuel Company	N
4.6.4.3	Use of metallized parts	No such part	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
4.6.5	Adhesives for constructional purposes	No adhesives for constructional purpose.	N
® ##	Conditioning temperature (°C), time (weeks):		

4.7	Resistance to fire		Р
4.7.1	Reducing the risk of ignition and spread of flame	Use of plastic with the required flammability classes.	Р
	Method 1, selection and application of components wiring and materials	Method 1 used	P
	Method 2, application of all of simulated fault condition tests	Martin de Carlos Co. Martin de Carlos	O N
4.7.2	Conditions for a fire enclosure	See appended table 1.5.1	Р
4.7.2.1	Parts requiring a fire enclosure	超過 本質	N
4.7.2.2	Parts not requiring a fire enclosure	Intend to supply by LPS, fire enclosure is not require	P
4.7.3	Materials	00 00	Р
4.7.3.1	General	PCB rated V-0	P
4.7.3.2	Materials for fire enclosures	A TOUR COUNTY OF THE COUNTY OF	N N
4.7.3.3	Materials for components and other parts outside fire enclosures	CC Market CC	N
4.7.3.4	Materials for components and other parts inside fire enclosures	See appended table 1.5.1	P P
4.7.3.5	Materials for air filter assemblies	No air filter assemblies	N
4.7.3.6	Materials used in high-voltage components	No high voltage components.	N

5	ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS	The Prompiler
5.1	Touch current and protective conductor current	N
5.1.1	General	N
5.1.2	Equipment under test (EUT)	N
5.1.2.1	Single connection to an a.c. mains supply	N /
5.1.2.2	Redundant multiple connections to an a.c. mains supply	C Nille state
5.1.2.3	Simultaneous multiple connections to an a.c. mains supply	N
5.1.3	Test circuit	omplance N
5.1.4	Application of measuring instrument	N
5.1.5	Test procedure	N
5.1.6	Test measurements	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
A TIM	Test voltage (V)	GO - GO -	N
Comp	Measured touch current (mA)		N and
Allestal	Max. allowed touch current (mA)	- jill	The N
5	Measured protective conductor current (mA):	The formation of the state of t	N
不检	Max. allowed protective conductor current (mA) .:		N
5.1.7	Equipment with touch current exceeding 3.5 mA:	CO P	N
5.1.7.1	General	111	N
5.1.7.2	Simultaneous multiple connections to the supply	The Committee of the County	N
5.1.8	Touch currents to and from telecommunication networks and cable distribution systems and from telecommunication networks	Sec 3	N
5.1.8.1	Limitation of the touch current to a telecommunication network and a cable distribution system	O Martin or count companies O Martin or count	ndimes N
ince	Test voltage (V)	GO SO	N
® ##	Measured touch current (mA)		N
60 M	Max. allowed touch current (mA)	The The Table of the Country of the	N
5.1.8.2	Summation of touch currents from telecommunication networks	San Co	N
F of Global Conn	a)EUT with earthed telecommunication ports:		N
e dalla da	b)EUT whose telecommunication ports have no reference to protective earth	环境测量	N

5.2	Electric strength	C Miles		N
5.2.1	General	Class III	equipment	NE Compliance
5.2.2	Test procedure	111	TA Demoliance @ SE	March of Global

5.3	Abnormal operating and fault conditions	nal operating and fault conditions		
5.3.1	Protection against overload and abnormal operation	(see appended table 5.3)	P ® Æ	
5.3.2	Motors	No motor used	N	
5.3.3	Transformers	No transformers	N	
5.3.4	Functional insulation:	See appended table 5.3. Complies with c)	P	
5.3.5	Electromechanical components	A The Comment of the Action	N	
5.3.6	Audio amplifiers in ITE	6 3 minutes - C 3 minutes	N	
5.3.7	Simulation of faults	Result see appended table 5.3.	Р	

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
5.3.8	Unattended equipment	60 60	N
5.3.9	Compliance criteria for abnormal operating and fault conditions	No flame emitted, no moltenmaterial emitted, no deformationof enclosure	P
5.3.9.1	During the tests	No hazards.	on of Global P
5.3.9.2	After the tests	No fire, no danger.	Р

6	CONNECTION TO TELECOMMUNICATION NETWORKS	N N
6.1	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	
6.1.1	Protection from hazardous voltages	N
6.1.2	Separation of the telecommunication network from earth	
6.1.2.1	Requirements	The following N
	Test voltage (V)	3 Final Course
	Current in the test circuit (mA)	
6.1.2.2	Exclusions:	N :

6.2	Protection of equipment users from overvoltages on telecommunication networks		
6.2.1	Separation requirements	- 60	N
6.2.2	Electric strength test procedure		N
6.2.2.1	Impulse test	五型 不意	[®] N
6.2.2.2	Steady-state test	No insulation breakdown	N
6.2.2.3	Compliance criteria	Compliance	N

6.3	Protection of the telecommunication wiring system from overheating			E 3	N
	Max. output current (A)	K Compliance	The Compliant	(S) Alles	
lin:	Current limiting method:	3100	Attestation of		

7	CONNECTION TO CABLE DISTRIBUTION SYSTEMS		N	
7.1	General	The Committee of the Control of the	N	
7.2	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	SC TO SC	N	
7.3	Protection of equipment users from overvoltages on the cable distribution system	O Manufacture Comments	N_	
7.4	Insulation between primary circuits and cable distribution systems	GO YOU	N	

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
7.4.1	General	GO GO	N		
7.4.2	Voltage surge test		N 📶		
7.4.3	Impulse test	711	Th Name		

	EN 60950-	1	
Clause	Requirement – Test Result – Remark		Verdict
Α	ANNEX A, TESTS FOR RESISTANCE TO HEAT AND FIRE		N
A.1	Flammability test for fire enclosures of movable equipment having a total mass exceeding 18 kg, and of stationary equipment (see 4.7.3.2)		, CN
A.1.1	Samples		
Alle Alle	Wall thickness (mm)		
A.1.2	Conditioning of samples; temperature (°C)	不是 不	Compliance
A.1.3	Mounting of samples	Took (S. M. Market Calculation of Ca	N
A.1.4	Test flame (see IEC 60695-11-3)	60 500	N
omplia.	Flame A, B, C or D		
A.1.5	Test procedure	IIII	N
A.1.6	Compliance criteria	The Completion S The state of Co.	Allestation N
極	Sample 1 burning time (s)	- GO (O)	
The Clopal Court	Sample 2 burning time (s)		
testano	Sample 3 burning time (s)		
A.2	Flammability test for fire enclosures of movable equipment having a total mass not exceeding 18 kg, and for material and components located inside fire enclosures (see 4.7.3.2 and 4.7.3.4)		
A.2.1	Samples, material		
30	Wall thickness (mm)		
A.2.2	Conditioning of samples	E Scholorom O SE Fred Come Co	N
A.2.3	Mounting of samples	20 %	N
A.2.4	Test flame (see IEC 60695-11-4)	10	N
10	Flame A, B or C	· 技术	
A.2.5	Test procedure	© The state of Colors	- CN
A.2.6	Compliance criteria	C C C	N
The allon of Global	Sample 1 burning time (s)		
Allessa	Sample 2 burning time (s)	· 11 5 5 5	
	Sample 3 burning time (s)	orto Santo S	
A.2.7	Alternative test acc. To IEC 60695-2-2, cl. 4 and 8	CC CC	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
河川	Sample 1 burning time (s)	GO GO .	
Cour.	Sample 2 burning time (s)	100	
Alle	Sample 3 burning time (s):	- 10	
A.3	Hot flaming oil test (see 4.6.2)	K Branco	estation of Co. N
A.3.1	Mounting of samples	Sept.	N
A.3.2	Test procedure	7.GO D	N
A.3.3	Compliance criterion		N a

B ® April	ANNEX B, MOTOR TESTS UNDER ABNORMAL CONDITIONS (see 4.7.2.2 and 5.3.2)	N
B.1	General requirements	₩ N
	Position:	<u></u>
	Manufacturer:	
Tallance Talla	Type:	
® #	Rated values:	
B.2	Test conditions	N N
B.3	Maximum temperatures	N
B.4	Running overload test	N
B.5	Locked-rotor overload test	₩ N
	Test duration (days):	K
	Electric strength test: test voltage (V):	
B.6	Running overload test for d.c. motors in secondary circuits	N
B.6.1	General	IN Comple
B.6.2	Test procedure	® M
B.6.3	Alternative test procedure	N
B.6.4	Electric strength test; test voltage (V)	N
B.7	Locked-rotor overload test for d.c. motors in secondary circuits	N
B.7.1	Test procedure	N Parada
B.7.2	Alternative test procedure; test time (h):	N
B.7.3	Electric strength test	N
B.8	Test for motors with capacitors	A COMPINE N
B.9	Test for three-phase motors	nton of Girbain N
B.10	Test for series motors	N
Compliance	Operating voltage (V):	

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
F 7111	W Sand Country of the	GO GO	60
С	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3.	3)	N
Allest	Position	No transformers	
	Manufacturer	K Brance W The Community O S	
不怕	Туре	See Sillinghin ou	
Figure of Global	Rated values	-GO P	
Alles	Method of protection	111	
C.1	Overload test	The Committee of the Co	N. is stall
C.2	Insulation	® Millestrico de Silverio Constitución de Silv	N
8 4	Protection from displacement of windings:	, , , ,	N
30	GO GO D		Figures 700
D	ANNEX D, MEASURING INSTRUMENTS FOR TO	OUCH-CURRENT TESTS (see 5.1.4)	N
D.1	Measuring instrument	C 3	N
D.2	Alternative measuring instrument		N
8 4	The South	抱,1000	 板
E	ANNEX E, TEMPERATURE RISE OF A WINDING	G (see 1.4.13)	N
		-0	No.
F The Comment	ANNEX F, MEASUREMENT OF CLEARANCES (see 2.10)	AND CREEPAGE DISTANCES	N
		报 测	Omplia.
G	ANNEX G, ALTERNATIVE METHOD FOR DETE	RMINING MINIMUM CLEARANCES	N
G.1	Clearances		N
G.1.1	General		N
G.1.2	Summary of the procedure for determining minimum clearances	THE THE PARTY OF	Nicon
G.2	Determination of mains transient voltage (V):	All Comments (Comments)	N
G.2.1	AC mains supply	100 P	N
G.2.2	DC mains supply	10000000000000000000000000000000000000	N
G.2.3	Unearthed DC mains supply:	The state of the s	N Market
G.2.4	Battery operation:	Statement C Finns	N
000	C. S. Communication Co. Mar. Gordon		N.I.

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Determination of telecommunication network

transient voltage (V)....::

Determination of required withstand voltage (V) .:

Mains transients and internal repetitive peaks....:

Transients from telecommunication networks:

Combination of transients

G.3

G.4

G.4.1

G.4.2

G.4.3



Clause	Requirement – Test	Result – Remark	Verdict
G.4.4	Transients from cable distribution systems	GO GO	N
G.5	Measurement of transient levels (V):		N
NIE NIE	a) Transients from a mains supply	711	J.N.
3	For an a.c. mains supply	K Branco	station of N
工作	For a d.c. mains supply	Sold State of the Control of the Con	N
A silon of Global	b) Transients from a telecommunication network	AGO EN	N
G.6	Determination of minimum clearances:		N
16		The Committee of the Co	Allestall
Н	ANNEX H, IONIZING RADIATION (see 4.3.13)	© # Hollord	N

J	ANNEX J, TABLE OF ELECTROCHEMICAL POTENTIALS (see 2.6.5.6)		
	Metal used:	A Securior S	
-all	The state of the s	C. T. C.C.	10
K	ANNEX K, THERMAL CONTROLS (see 1.5.3 and 5.3.7)		
K.1	Making and breaking capacity	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N 100mm
K.2	Thermostat reliability; operating voltage (V):	The state of the s	N N

K.1	Making and breaking capacity	The pollario	N Age
K.2	Thermostat reliability; operating voltage (V):	The state of the s	N N
K.3	Thermostat endurance test; operating voltage (V):	CC MCC	N
K.4	Temperature limiter endurance; operating voltage (V):	不	M N
K.5	Thermal cut-out reliability	The Company of State	N
K.6	Stability of operation		N

ANNEX L, NORMAL LOAD CONDITIONS FOR SOME TYPES OF ELECTRICAL BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.1)		
Typewriters	Action 8 Marting Co.	N
Adding machines and cash registers	30	N
Erasers		N
Pencil sharpeners	The Wanter of the State of the	N
Duplicators and copy machines	(8) Marting of Const. (8) Marting of Const. (1) Marting of Const.	N
Motor-operated files	7 - CO F	N
Other business equipment	· in	₽ P
	BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.1) Typewriters Adding machines and cash registers Erasers Pencil sharpeners Duplicators and copy machines Motor-operated files	BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.1) Typewriters Adding machines and cash registers Erasers Pencil sharpeners Duplicators and copy machines Motor-operated files

M	ANNEX M, CRITERIA FOR TELEPHONE RIN	GING SIGNALS (see 2.3.1)	N
M.1	Introduction	100		N
M.2	Method A		松飘	N E

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	EN 60950-	-1	
Clause	Requirement – Test	Result – Remark	Verdict
M.3	Method B	CO CO	N
M.3.1	Ringing signal		N
M.3.1.1	Frequency (Hz)	· · · · · · · · · · · · · · · · · · ·	
M.3.1.2	Voltage (V)	The state of the s	
M.3.1.3	Cadence; time (s), voltage (V)	Same Same	
M.3.1.4	Single fault current (mA)	- GO D	
M.3.2	Tripping device and monitoring voltage		N /
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage	S Manufacture Completion S Manufacture of State Comments	N. Santa
M.3.2.2	Tripping device	C - CO B	N
M.3.2.3	Monitoring voltage (V)	:	- 30 N

N	ANNEX N, IMPULSE TEST GENERATORS clause G.5)	(see 2.10.3.4, 6.2.2	2.1, 7.3.2 and	N
N.1	ITU-T impulse test generators		litte	N w
N.2	IEC 60065 impulse test generator	TILL:	The Monthlance	N _{obal} Complia

Р	ANNEX P, NORMATIVE REFERENCE	S S S S S S S S S S S S S S S S S S S	30	CO	Р
---	------------------------------	---------------------------------------	----	----	---

Q	ANNEX Q, Voltage dependent resistors (VDRS)	(see 1.5.9.1)	ompliance N
	-Preferred climatic categories:	© Management of Court	N Allesti
	-Maximum continuous voltage:		O N
® 4	-Combination pulse current:		N
gG *	Body of the VDR Test according to IEC60695-11-5	TE THE STATE OF	TN Complian
100 mg	Body of the VDR. Flammability class of material (min V-1):		N

R	ANNEX R, EXAMPLES OF REQUIREMENTS FO PROGRAMMES	OR QUALITY CONTROL	(Name of the state
R.1	Minimum separation distances for unpopulated coated printed boards (see 2.10.6)	C C D	N
R.2	Reduced clearances (see 2.10.3)		N

S	ANNEX S, PRO	CEDURE FOR	IMPULSE TEST	TING (see 6.2.2.3	Jion of Attestant	N
S.1	Test equipment	® Management of Glob	(R) Attestation of Attestation of	C	10	Ñ
S.2	Test procedure	0	00			N &

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	EN 60950-	1	
Clause	Requirement – Test	Result – Remark	Verdict
S.3	Examples of waveforms during impulse testing	- CO - CO -	N
Court	a G a G		3
To Man	ANNEX T, GUIDANCE ON PROTECTION AGAI (see 1.1.2)	NST INGRESS OF WATER	F. T. N
		Security Of the Security of th	THE S.
U FA CHODAL	ANNEX U, INSULATED WINDING WIRES FOR INSULATION (see 2.10.5.4)	USE WITHOUT INTERLEAVED	N
~ C	C " E	大型 大型	© 15th
V	ANNEX V, AC POWER DISTRIBUTION SYSTEM	MS (see 1.6.1)	N
V.1	Introduction	CC *	N
V.2	TN power distribution systems		N
0	00	1 压烧,	Compliance
W	ANNEX W, SUMMATION OF TOUCH CURREN	CS (Samuel Colored Col	N
W.1	Touch current from electronic circuits	60 60	N
W.1.2	Earthed circuits		N
W.2	Interconnection of several equipments	III II STANDARD	N
W.2.1	Isolation	EK Sommune 8 Mindalin of Con	N
W.2.2	Common return, isolated from earth	CO CO	N
W.2.3	Common return, connected to protective earth		N
testallo		The state of the s	Compliance
X	ANNEX X, MAXIMUM HEATING EFFECT IN TR C.1)	ANSFORMER TESTS (see clause	N
X.1	Determination of maximum input current		N
X.2	Overload test procedure	100	N
5		T Bullion The Companies @ 1	station of Globe
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONII	NG TEST (see 4.3.13.3)	N
Y.1	Test apparatus	- 60	N
Y.2	Mounting of test samples		N
Y.3	Carbon-arc light-exposure apparatus	The State of the S	N
Y.4	Xenon-arc light exposure apparatus	© Management Com	N
工机	School State of the State of th	C CO P	
Zig agailon of Grown	ANNEX Z, OVERVOLTAGE CATEGORIES(see	2 10 3 2 and Clause G 2)	N

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ANNEX AA, MANDREL TEST (see 2.10.5.8)

ANNEX BB, CHANGES IN THE SECOND EDITION

AΑ

BB

N



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
河山	William Committee of the Committee of th	GO GO .	60
СС	ANNEX CC, Evaluation of integrated circuit (IC) circuit limiters	N
CC.1	General	· iii	N
CC.2	Test program 1:	The Manual Company of the Company of	N
CC.3	Test program 2:	6 mm 2 mm 2 GO	N
CC.4	Test program 3:	CO D	N
CC.5	Compliance:	111	N

DD	ANNEX DD, requirements for the mounting means of rack-mounted equipment		N
DD.1	General		N
DD.2	Mechanical strength test, variable N:		N
DD.3	Mechanical strength test, 250N, including end stops:	The state of the s	N
DD.4	Compliance:	60 00	N

EE.	ANNEX EE, Household and home/office docum	ent/media shredders	Ν
EE.1	General	E America	Ν
EE.2	Marking and instructions	100 10	Ν
station of Globa	Use of markings or symbols		N
	Information of user instructions, maintenance and/or servicing instructions:	The transfer of the transfer o	N
EE.3	Compliance	C 100 4	N
EE.4	Disconnection of power to hazardous moving parts:		N
	Use of markings or symbols:	The state of the s	N
EE.5	Protection against hazardous moving parts	Cooker S S S S S S S S S S S S S S S S S S S	N
Compliance	Test with test finger (figure 2A)	- GO E	N
	Test with wedge probe (figure EE1 and EE2):		N
		2007	

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Clause	Requiren	nent – Test			Re	sult – Remark	Verdic
EN	60950-1:20	006/A11:2009/A	1:2010/A12:20)11/A2:2013 – (CENELEC CO	MMON MODIFICAT	IONS
(Compile		subclauses, no 50-1 and it's ar			are additional	to those	T
Contents (A2:2013)	Annex ZE		Normative references Special nations	European publical conditions	cations		P
General		I the —countryll g to the followin		eference docum	ent (IEC 609	50-1:2005)	P
	1.4.8	Note 2	1.5.1	Note 2 & 3	1.5.7.1	Note	
	1.5.8	Note 2	1.5.9.4	Note	1.7.2.1	Note 4, 5 & 6	
	2.2.3	Note	2.2.4	Note	2.3.2	Note	100
	2.3.2.1	Note 2	2.3.4	Note 2	2.6.3.3	Note 2 & 3	Combiga
	2.7.1	Note	2.10.3.2	Note 2	2.10.5.13	Note 3	
	3.2.1.1	Note	3.2.4	Note 3	2.5.1	Note 2	
	4.3.6	Note 1 & 2	4.7	Note 4	4.7.2.2	Note	~ 恼
	4.7.3.1	Note 2	5.1.7.1	Note 3 & 4	5.3.7	Note 1	The State of Global Co.
	6	Note 2 & 5	6.1.2.1	Note 2	6.1.2.2	Note	Attestan
	6.2.2	Note	6.2.2.1	Note 2	6.2.2.2	Note	
	7.1	Note 3	7.2	Note	7.3	Note 1 & 2	ing:
	G.2.1	Note 2	Annex H	Note 2			Cempliano
General A1:2010)	according	g to the followin	g list:		nt (IEC 60950)-1:2005/A1:2010)	GCP *
	1.5.7.1 N 6.2.2.1 N		6.1.2.1 EE.3	Note 2			151
General A2:2013)	Delete al according 2.7.1 Not 6.2.2. No	I the "country" n g to the followin e * 2.10.3.1 No	otes in the refe g list: te 2	erence docume		0-1:2005/A2:2013) ed.	P
.1.1 A1:2010)	Replace NOTE 3 T multimedia	the text of NOT he requirements	E 3 by the follo of EN 60065 ma IEC Guide 112,	wing. ly also be used to	meet safety re	HE STATE	

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.3.Z1	Add the following subclause:	CG AND	50
	1.3.Z1 Exposure to excessive sound pressure		N
	The apparatus shall be so designed and constructed as to		KET Officer
	present no danger when used for its intended purpose, either	A TOPICO	* Of Glopal Con.
	in normal operating conditions or under fault conditions, particularly providing protection against exposure to excessive	F The Global Comm	Atte lation
	sound pressures from headphones or earphones.	Attestation of	
	NOTE Z1 A new method of measurement is described in EN		
	50332-1, Sound system equipment:		14
	Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement	phance The Compliant	® Attestation
	methodology and limit considerations - Part 1: General method	® Marinestation of Gub	
	for "one package equipment", and in EN 50332-2, Sound		
	system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure		litte:
	level measurement methodology and limit considerations -	拉测 新	- ompliance
	Part 2: Guidelines to associate sets with headphones coming	S Chord County & Stanford Co	909
lim	from different manufacturers.	Jalon Attestor	
(A12:2011)	In EN 60950-1:2006/A12:2011		
	Delete the addition of 1.3.Z1 / EN 60950-1:2006	100	N
1 F 1 C	Delete the definition 1.2.3.Z1 / EN 60950-1:2006 /A1:2010	The Compile	Global Co.
1.5.1	Add the following NOTE:	(R) Allestation of Allestation of	Attestano
	NOTE Z1 The use of certain substances in electrical and electronic equipment is restricted within the EU: see Directive		N
JA Global Conv	2002/95/EC.		-111
(Added info*)	New Directive 2011/65/11 *	100	E plane
1.7.2.1 (A1:2010)	In addition, for a PORTABLE SOUND SYSTEM, the instructions shall include a warning that excessive sound pressure from	Compliance (S. E. ion of Globs	8 %
(A1.2010)	earphones and headphones can cause hearing loss.	C Silvestant	CO AM
1.7.2.1	In EN 60950-1:2006/A12:2011		
(A12.2011)	Delete NOTE Z1 and the addition for Portable Sound System.		N
	Add the following clause and annex to the existing standard and amendments.	T The state of the	The Clopal Co.
	Zx Protection against excessive sound pressure from persor	nal music players	AV
	Zx.1 General		
	This sub-clause specifies requirements for protection against		N
	excessive sound pressure from personal music players that	测量	8 m 4
	are closely coupled to the ear. It also specifies requirements for earphones and headphones intended for use with personal	Inpliant To October County	Attestall
	music players.	Attestation C	6
	A personal music player is a portable equipmentfor personal	GU D	
	use, that:	:10	AND THE
	 is designed to allow the user to listen to recorded or broadcast sound or video; and 	IN Companies	K Compliant
	- primarily uses headphones or earphones that can be worn in	Salion of Global @ Salie station of C	. 6
	or on or around the ears;	- GO "	
	- allows the user to walk around while in use.		

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
拉测 de Comphane	NOTE 1 Examples are hand-held or body-worn portable CD players, MP3 audio players, mobile phones with MP3 type features, PDA's or similar equipment.	NGC .	N
	A personal music player and earphones or headphones intended to be used with personal music players shall comply with the requirements of this sub-clause.	A.C.	Atte
	The requirements in this sub-clause are valid for music or video mode only.	, m	
	 The requirements do not apply: while the personal music player is connected to an external amplifier; or while the headphones or earphones are not used. NOTE 2 An external amplifier is an amplifier which is not part of the personal music player or the listening device, but which is intended to play the music as a standalone music player. 		
	The requirements do not apply to: hearing aid equipment and professionalequipment; NOTE 3 Professional equipment is equipment sold through special sales channels. All products sold through normal electronics stores are considered not to be professional equipment.	AGG Manager	A Figure
	 analogue personal music players (personal music players without any kind of digitalprocessing of the sound signal) that are brought to the market before the end of 2015. NOTE 4 This exemption has been allowed because this technology is falling out of use and it is expected that within a few years it will no longer exist. This exemption will not be extended to other technologies. 		The state of the s
	For equipment which is clearly designed or intended for use by young children, the limits of EN 71-1 apply.	CC m	CO.
GC *	Zx.2 Equipment requirements No safety provision is required for equipment that complies with the following:	T. T. B. T. B.	Marian N
	 equipment provided as a package (personal music player with its listening device), wherethe acoustic output LAeq,T is ≤ 85 dBA measured while playing the fixed "programme simulation noise" as described in EN 50332-1; and 		
	 a personal music player provided with an analogue electrical output socket for a listening device, where the electrical output is ≤ 27 mV measured as described in EN 50332-2, while playing the fixed "programme simulation noise" as described in EN 50332-1. 	GC FEET TO BE	GC M
	NOTE 1 Wherever the term acoustic output is used in this clause, the 30 s A-weighted equivalent sound pressure level LAeq, T is meant. See also Zx.5 and Annex Zx.	T. M. M. O. M. T.	Countries

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
TIM (Compliance	All other equipment shall: a) protect the user from unintentional acoustic outputs exceeding those mentionedabove; and	, Pac	N	
	 b) have a standard acoustic output level not exceeding those mentioned above, and automatically return to an output level not exceeding those mentioned above when the power is 		The suion of Global Compliant	
	switched off; and c) provide a means to actively inform the user of theincrease sound pressure when the equipment is operated with an	ed Manufacture	P _C	
	acoustic output exceeding those mentioned above. Any means used shall be acknowledged by the user before activating a mode of operation which allows for an acoustic	C. T.		
	output exceeding those mentioned above. The acknowledgement does not need to be repeated more tha once every 20 h of cumulative listening time; and	n GC		
	NOTE 2 Examples of means include visual or audible signals. Action from the user is always required. NOTE 3 The 20 h listening time is the accumulative listening time independent how often and how long the personal music player.		K. Berndinger	
	has been switched off. d) have a warning as specified in Zx.3; and e) not exceed the following:	NGO III	100	
	1) equipment provided as a package (player with Its listening device), the acoustic output shall be ≤ 100 dBA measured while playing the fixed "programme simulation noise" described in EN 50332-1; and	CO Martin Maria Comment	Mesadion of Clobal Co	
	2) a personal music player provided with an analogue electrical output socket for a listening device, the electrical output shall be ≤ 150 mV measured as described in EN 5033	32-	A Mills	
	2, while playing the fixed "programme simulation noise" described in EN 50332-1.	The contract of the contract o	GC *	
	For music where the average sound pressure (long term LAeq,T) measured over the duration of the song is lower that the average produced by the programme simulation noise, the warning does not need to be given as long as the average sound pressure of the song is below the basic limit of 85 dB.	he	製 wifer of Cacha Comp	
	In this case T becomes the duration of the song. NOTE 4 Classical music typically has an average sound pressu (long term LAeq,T) which is much lower than the average	ure Standard Co		
	programme simulation noise. Therefore, if the player is capable analyse the song and compare it with the programme simulation noise, the warning does not need to be given as long as the average sound pressure of the song is below the basic limit of 8 dBA.	n Kanaman Kanaman	GC A	
	For example, if the player is set with the programme simulation noise to 85 dBA, but the average music level of the song is only 65 dBA, there is no need to give a warning or ask an acknowledgement as long as the average sound level of the so is not above the basic limit of 85 dBA.	V Manuel State of the State of	K W W Complaines	

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
GC *	Zx.3 Warning The warning shall be placed on the equipment, or on the packaging, or in the instruction manual and shall consist of the following: - the symbol of Figure 1 with a minimum height of 5 mm; and - the following wording, or similar:	AGC IN THE STATE OF THE STATE O	N M	
	"To prevent possible hearing damage, do not listen at high volume levels for long periods." Figure 1 – Warning label (IEC 60417-6044)	A STATE OF THE STA	GC THE	
CC F	Alternatively, the entire warning may be given through the equipment display during use, when the user is asked to acknowledge activation of the higher level.	GO E	A. B. Alle	
	Zx.4 Requirements for listening devices (headphones and	earphones)	N	
GC TANK	Zx.4.1 Wired listening devices with analogue input With 94 dBA sound pressure output LAeq,T, the input voltage of the fixed "programme simulation noise" described in EN 50332-2 shall be ≥ 75 mV. This requirement is applicable in any mode where the headphones can operate (active or passive), including any available setting (for example built-in volume level control).		N The state of the	
Attestation	NOTE The values of 94 dBA – 75 mV correspond with 85dBA – 27 mV and 100 dBA – 150 mV.		Stall Compilarios	
GC F	Zx.4.2 Wired listening devices with digital input With any playing device playing the fixed "programme simulation noise" described in EN 50332-1 (and respecting the digital interface standards, where a digital interface standard exists that specifies the equivalent acoustic level), the acoustic output LAeq,T of the listening device shall be ≤ 100 dBA.	NGC France	S N	
	This requirement is applicable in any mode where the headphones can operate, including any available setting (for example built-in volume level control, additional sound feature like equalization, etc.).	NGC NAME OF THE PARTY OF THE PA		
	NOTE An example of a wired listening device with digital input is a USB headphone.	millionice State Company	C Allestali	

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
	 Zx.4.3 Wireless listening devices In wireless mode: with any playing and transmitting device playingthe fixed programme simulation noisedescribedin EN 50332-1; and respecting the wireless transmission standards, where an air interface standard exists that specifies the equivalent acoustic level; and with volume and sound settings in the listening device (for example built-in volume level control, additional sound feature like equalization, etc.) set to the combinationof positions that maximize the measured acoustic output for the abovementioned programme simulation noise, the acoustic cutput I had Tof the listening device shall be < 100 dBA 	GC AMERICAN AND AND AND AND AND AND AND AND AND A	N in the second	
	output LAeq,T of the listening device shall be ≤ 100 dBA. NOTE An example of a wireless listening device is a Bluetooth headphone.	GC E	in the second	
	Zx.5 Measurement methods Measurements shall be made in accordance with EN 50332-1 or EN 50332-2 as applicable. Unless stated otherwise, the time interval T shall be 30 s.	The state of the s	N	
© A	NOTE Test method for wireless equipment provided without listening device should be defined.	10000000000000000000000000000000000000	· 大	
2.7.1	Replace the subclause as follows: Basic requirements To protect against excessive current, short-circuits and earth faults in PRIMARY CIRCUITS, protective devices shall be included either as integral parts of the equipment or as parts of the building installation, subject to the following, a), b) and c): a) except as detailed in b) and c), protective devices necessary to comply with the requirements of 5.3 shall be		N N	
	included as parts of the equipment; b) for components in series with the mains input to the equipment such as the supply cord, appliance coupler, r.f.i. filter and switch, short-circuit and earth fault protection may be provided by protective devices in the building installation; c) it is permitted for PLUGGABLE EQUIPMENT TYPE B or PERMANENTLY CONNECTED EQUIPMENT, to rely on dedicated overcurrent and short-circuit protection in the building installation, provided that the means of protection, e.g. fuses or circuit breakers, is fully specified in the installation instructions. If reliance is placed on protection in the building installation, the installation instructions shall so state, except that for PLUGGABLE EQUIPMENT TYPE A the building installation	EGG FRANCE OF THE STATE OF THE		
Allestand	shall be regarded as providing protection in accordance with the rating of the wall socket outlet.	T. Combined S. T.	Compliance	
2.7.2	This subclause has been declared 'void'.	estation.	N	
3.2.3	Delete the NOTE in Table 3A, and delete also in this table the conduit sizes in parentheses.		N	

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
3.2.5.1	Replace "60245 IEC 53" by "H05 RR-F"; "60227 IEC 52" by "H03 VV-F or H03 VVH2-F"; "60227 IEC 53" by "H05 VV-F or H05 VVH2-F2". In Table 3B, replace the first four lines by the following: Up to and including 6 0,75 a)	NGC .	The state of the s	
	Over 6 up to and including 10 (0,75) b) 1,0 Over 10 up to and including 16 (1,0) c) 1,5	a Francisco Communication of the Communication of t	N	
	In the conditions applicable to Table 3B delete the words "in some countries" in condition ^{a)} .	111	- F 5	
10	In NOTE 1, applicable to Table 3B, delete the second sentence.	allanco	C Milesation	
3.2.5.1 (A2:2013)	NOTE Z1 The harmonised code designationscorresponding to the IEC cord types are given in Annex ZD	GC D	N	
3.3.4	In Table 3D, delete the fourth line: conductor sizes for 10 to 13 A, and replace with the following:	不 控 测	A Seminor	
	Over 10 up to and including 16 1,5 to 2,5 1,5 to 4 Delete the fifth line: conductor sizes for 13 to 16 A	Jailon of Cashall Co	GC N	
4.3.13.6 (A1:2010)	Replace the existing NOTE by the following: NOTE Z1 Attention is drawn to:	P.G.		
	1999/519/EC: Council Recommendation on the limitation of exposure of the general public to electromagnetic fields 0 Hz to 300 GHz, and	C. Manufact and Community	The state of Chicago Comments	
The State of Company	2006/25/EC: Directive on the minimum health and safety requirements regarding the exposure of workers to risks arising from physical agents (artifical optical radiation).		# # # # # # # # # # # # # # # # # # #	
	Standards taking into account mentioned Recommendation and Directive which demonstrate compliance with the applicable EU Directive are indicated in the OJEC.	C Marketon	N The state of the	
Annex H	Replace the last paragraph of this annex by:			
	At any point 10 cm from the surface of the OPERATOR ACCESS AREA, the dose rate shall not exceed 1 µSv/h (0,1 mR/h) (see NOTE). Account is taken of the background level.	E Ford Company	and N	
	Replace the notes as follows: NOTE These values appear in Directive 96/29/Euratom. Delete NOTE 2.	A CO		
Bibliography	Additional EN standards.	The Marie	® # #	

ZA	NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR	
11	CORRESPONDING EUROPEAN PUBLICATIONS	

Alle			EN 60950-1	UZ. V A	
Clause	Requirement –	Гest		Result – Remarl	k Verdict
ZB ANNEX (normative)SPECIAL NATIONAL CONDITIONS (EN)				-Till	

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	EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict			
ZB ANNEX (normative)SPECIAL NATIONAL CONDITIONS (EN)						
1.2.4.1	In Denmark , certain types of Class I appliances (see 3.2.1.1) may be provided with a plug not establishing earthing conditions when inserted into Danish socket-outlets.		N :			
1.2.13.14	In Norway and Sweden , for requirements see 1.7.2.1 and 7.3 of this annex.	The sale of cools count	N			
1.5.7.1	In Finland, Norway and Sweden , resisters bridging BASIC INSULATION in CLASS I PLUGGABLE EQUIPMENT TYPE A must comply with the requirements in 1.5.7.1. In addition when a single resister is used, the resister must withstand the resister test in 1.5.7.2.	W Marine of Control Company	N O			
1.5.8	In Norway , due to the IT power system used (see annex V, Figure V.7), capacitors are required to be rated for the applicable line-to-line voltage (230 V).	GU D	N N			
1.5.9.4	In Finland , Norway and Sweden , the third dashed sentence is applicable only to equipment as defined in 6.1.2.2 of this annex.	The state of the s	N			
1.7.2.1	In Finland , Norway and Sweden , CLASS I PLUGGABLE EQUIPMENT TYPE A intended for connection to other equipment or a network shall, if safety relies on connection to protective earth or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment must be connected to an earthed mains socket-outlet.	C Market Land	N Management of the second of			
	The marking text in the applicable countries shall be as follows: In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt"	CO Manufacture of the second o	GC T			
1.7.2.1 (A11:2009)	In Sweden: "Apparaten skall anslutas till jordat uttag" In Norway and Sweden, the screen of the cable distribution system is normally not earthed at the entrance of the building and there is normally no equipotential bonding system within the building. Therefore the protective earthing of the building installation need to be isolated from the screen of a cable distribution system.	A ME THE	N			
	It is however accepted to provide the insulation external to the equipment by an adapter or an interconnection cable with galvanic isolator, which may be provided by e.g. a retailer.	GC ***	GC Find			
	The user manual shall then have the following or similar information in Norwegian and Swedish language respectively, depending on in what country the equipment is intended to be used in:	To de Contraction Of State of	Completo			

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
松工	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	500
	"Equipment connected to the protective earthing of the building installation through the mains connection or through other equipment with a connection to protective earthing – and to a cable distribution system using coaxial cable, may in some circumstances create a fire hazard. Connection to a cable distribution system has therefore to be provided through a device providing electrical isolation below a certain frequency range (galvanic isolator, see EN 60728-11)."	A Second Company	N miles
	NOTE In Norway, due to regulation for installations of cable distribution systems, and in Sweden, a galvanic isolator shall provide electrical insulation below 5 MHz. The insulation shall withstand a dielectric strength of 1,5 kV r.m.s., 50 Hz or 60 Hz, for 1 min.	3C * 1	C The state of the
	Translation to Norwegian (the Swedish text will also be accepted in Norway):	The fill the state of the state	The Complance
	"Utstyr som er koplet til beskyttelsesjord via nettplugg og/eller via annet jordtilkoplet utstyr – og er tilkoplet et kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av utstyret til kabel-TV nettet installeres en galvanisk isolator mellom utstyret og kabel- TV nettet."	NGC .	AG(
	Translation to Swedish:	The of Clobal County	® # John of Global
第 第 Manufactured Constitution of the Constit	"Utrustning som är kopplad till skyddsjord via jordat vägguttag och/eller via annanutrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk förbrand. För att undvika detta skall vid anslutning av utrustningen till kabel-TV nätalvanisk isolator finnas mellan utrustningen och kabel-TV nätet."		
1.7.2.1 (A2:2013)	In Denmark , CLASS I PLUGGABLE EQUIPMENT TYPE A intended for connection to other equipment or a network shall, if safety relies on connection to protective earth or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment must be connected to an earthed mains socket-outlet. The marking text in Denmark shall be as follows: In Denmark : "Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord."	AGC Find and AgC Company of the	G (N
1.7.5	In Denmark , socket-outlets for providing power to other equipment shall be in accordance with the Heavy Current Regulations, Section 107-2-D1, Standard Sheet DK 1-3a, DK 1-5a or DK 1-7a, when used on Class I equipment. For STATIONARY EQUIPMENT the socket-outlet shall be in accordance with Standard Sheet DK 1-1b or DK 1-5a. For CLASS II EQUIPMENT the socket outlet shall be in accordance with Standard Sheet DKA 1-4a.	CC Manufacture of the control of the	The later and th

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
植型。	ZB ANNEX (normative)SPECIAL NATIONAL CONI	DITIONS (EN)	CO
1.7.5 (A2:2013)	In Denmark , socket-outlets for providing power to other equipment shall be in accordance with the DS 60884-2-D1:2011. For class I equipment the following Standard Sheets are applicable: DK 1-3a, DK 1-1c, DK 1-1d, DK 1-5a or DK 1-7a, with the exception for STATIONARY EQUIPMENT where the socket-outlets shall be in accordance with Standard Sheet DK 1-1b, DK 1-1c, DK 1-1d or DK 1-5a. Socket outlets intended for providing power to Class II apparatus with a rated current of 2,5 A shall be in accordance with DS 60884-2-D1 standard sheet DKA 1-4a. Other current rating socket outlets shall be in compliance with by DS 60884-2-D1 Standard Sheet DKA 1-3a or DKA 1-3b. Justification the Heavy Current Regulations, 6c		N M
2.2.4	In Norway , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	The state of complete the state of the state	An Somethin N
2.3.2	In Finland , Norway and Sweden there are additional requirements for the insulation. See 6.1.2.1 and 6.1.2.2 of this annex.	NGO	N
2.3.4	In Norway , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	® # John of Clobal Company	® Microsoft N
2.6.3.3	In the United Kingdom , the current rating of the circuit shall be taken as 13 A, not 16 A.	C CC	N
2.7.1	In the United Kingdom , to protect against excessive currents and short-circuits in the PRIMARY CIRCUIT of DIRECT PLUG-IN EQUIPMENT, tests according to 5.3 shall be conducted, using an external protective device rated 30 A or 32 A. If these tests fail, suitable protective devices shall be included as integral parts of the DIRECT PLUG-IN EQUIPMENT, so that the requirements of 5.3 are met.		N
2.10.5.13	In Finland , Norway and Sweden , there are additional requirements for the insulation, see 6.1.2.1 and 6.1.2.2 of this annex.	T. H. A. M.	N N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
松型。	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	CO
3.2.1.1	In Switzerland , supply cords of equipment having a RATED CURRENT not exceeding 10 A shall be provided with a plug complying with SEV 1011 or IEC 60884-1 and one of the following dimension sheets: SEV 6532-2.1991 Plug Type 15 3P+N+PE 250/400 V, 10 A SEV 6533-2.1991 Plug Type 11 L+N 250 V, 10 A SEV 6534-2.1991 Plug Type 12 L+N+PE 250 V, 10 A In general, EN 60309 applies for plugs for currents exceeding 10 A. However, a 16 A plug and socket-outlet system is being introduced in Switzerland, the plugs of which are according to the following dimension sheets, published in February 1998: SEV 5932-2.1998: Plug Type 25, 3L+N+PE 230/400 V, 16 A SEV 5933-2.1998: Plug Type 21, L+N, 250 V, 16A SEV 5934-2.1998: Plug Type 23, L+N+PE 250 V, 16 A	The state of the s	N III
3.2.1.1	In Denmark , supply cords of single-phase equipment having a rated current not exceeding13 A shall be provided with a plug according to the Heavy Current Regulations, Section 107-2-D1. CLASS I EQUIPMENT provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules shall be provided with a plug in accordance with standard sheet DK 2-1a or DK 2-5a. If poly-phase equipment and single-phase equipment having a RATED CURRENT exceeding 13 A is provided with a supply cord with a plug, this plug shall be in accordance with the		N The state of count count
3.2.1.1	Heavy Current Regulations, Section 107-2-D1 or EN 60309-2.	aC *	GG *
S.Z.I.I	In Spain , supply cords of single-phase equipment having a rated current not exceeding 10 A shall be provided with a plug according to UNE 20315:1994. Supply cords of single-phase equipment having a rated current not exceeding 2,5 A shall be provided with a plug according to UNE-EN 50075:1993. CLASS I EQUIPMENT provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules, shall be provided with a plug in accordance with standard UNE 20315:1994. If poly-phase equipment is provided with a supply cord with a plug, this plug shall be in accordance with UNE-EN 60309-2.		

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
AST Marco	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	GU
3.2.1.1	In the United Kingdom , apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to BS 1363 by means of that flexible cable or cord and plug, shall be fitted with a 'standard plug' in accordance with Statutory Instrument 1768:1994 - The Plugs and Sockets etc. (Safety) Regulations 1994, unless exempted by those regulations. NOTE 'Standard plug' is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or		N in the state of
	an approved conversion plug.	(Cooperation of Choose Co	C Allestan
3.2.1.1	In Ireland , apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to I.S. 411 by means of that flexible cable or cord and plug, shall be fitted with a 13 A plug in accordance with Statutory Instrument 525:1997 - National Standards Authority of Ireland (section 28) (13 A Plugs and Conversion Adaptors for Domestic Use) Regulations 1997.		N
3.2.4	In Switzerland , for requirements see 3.2.1.1 of this annex.		N
3.2.5.1	In the United Kingdom , a power supply cord with conductor of 1,25 mm2 is allowed for equipment with a rated current over 10 A and up to and including 13 A.	S. S. Jane Company	N The standard Combi
3.3.4	In the United Kingdom , the range of conductor sizes of flexible cords to be accepted by terminals for equipment with a RATED CURRENT of over 10 A up to and including 13 A is:	C SCC	N
Altestation	• 1,25 mm² to 1,5 mm² nominal cross-sectional area.	ATT.	K The
4.3.6	In the United Kingdom , the torque test is performed using a socket outlet complying with BS 1363 part 1:1995, including Amendment 1:1997 and Amendment 2:2003 and the plug part of DIRECT PLUG-IN EQUIPMENT shall be assessed to BS 1363: Part 1, 12.1, 12.2, 12.3, 12.9, 12.11, 12.12, 12.13, 12.16 and 12.17, except that the test of 12.17 is performed at not less than 125 °C. Where the metal earth pin is replaced by an Insulated Shutter Opening Device (ISOD), the requirements of clauses 22.2 and 23 also apply.	A THE REAL PROPERTY OF THE PARTY OF THE PART	N S S
4.3.6	In Ireland , DIRECT PLUG-IN EQUIPMENT is known as plug similar devices. Such devices shall comply with Statutory Instrument 526:1997 - National Standards Authority of Ireland (Section 28) (Electrical plugs, plug similar devices and sockets for domestic use) Regulations, 1997.		N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
杨二湖	ZB ANNEX (normative)SPECIAL NATIONAL CONI	DITIONS (EN)	CO
5.1.7.1	In Finland, Norway and Sweden TOUCH CURRENT measurement results exceeding 3,5 mA r.m.s. are permitted only for the following equipment: • STATIONARY PLUGGABLE EQUIPMENT TYPE A that is intended to be used in a RESTRICTED ACCESS LOCATION where equipotential bonding has been applied, for example, in a telecommunication centre; and	A CO	N IN
	has provision for a permanently connected PROTECTIVE EARTHING CONDUCTOR; and is provided with instructions for the installation of that conductor by a SERVICE PERSON; • STATIONARY PLUGGABLE EQUIPMENT TYPE B; • STATIONARY PERMANENTLY CONNECTEDEQUIPMENT.		
6.1.2.1 (A1:2010)	In Finland, Norway and Sweden, add the following text between the first and second paragraph of the compliance clause: If this insulation is solid, including insulation forming part of a component, it shall at least consist of either -two layers of thin sheet material, each of which shall pass the electric strength test below, or -one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below. Alternatively for components, there is no distance through insulation requirements for the insulation consisting of an insulating compound completely filling the casing, so that CLEARANCES and CREEPAGE DISTANCES do not exist, if the component passes the electric strength test in accordance with the compliance clause below and in addition		N N N N N N N N N N N N N N N N N N N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
HET JUIL	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	100
GC #	-passes the tests and inspection criteria of 2.10.11 with an electric strength test of 1,5 kV multiplied by 1,6 (the electric strength test of 2.10.10 shall be performed using 1,5 kV), and -is subject to ROUTINE TESTING for electric strength during manufacturing, using a test voltage of 1,5 kV.	A The Land Company of Co.	N THE STATE OF THE
	It is permitted to bridge this insulation with an optocoupler complying with 2.10.5.4 b).		
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	All The The All All All All All All All All All Al	© #F
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	Allestation of Cloud	GC "
	-the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 60384-14, which in addition to the Y3 testing, is tested with an impulse test of 2,5 kV defined in EN 60950-1:2006, 6.2.2.1;	F. Market Market	The state of the s
	-the additional testing shall be performed on all the test specimens as described in EN 60384-14:	C American	NO.
	-the impulse test of 2,5 kV is to be performed before the endurance test in EN 60384-14, in the sequence of tests as described in EN 60384-14.	T. H. W.	S. A. F. M. Com
6.1.2.2	In Finland, Norway and Sweden, the exclusions are applicable for PERMANENTLY CONNECTED EQUIPMENT, PLUGGABLE EQUIPMENT TYPE B and equipment intended to be used in a RESTRICTED ACCESS LOCATION where equipotential bonding has been applied, e.g. in a telecommunication centre, and which has provision for a permanently connected PROTECTIVE EARTHING CONDUCTOR and is provided with instructions for the		N
7.2 @ 🐔	installation of that conductor by a SERVICE PERSON.	6	NI ®
GC *	In Finland , Norway and Sweden , for requirements see 6.1.2.1 and 6.1.2.2 of this annex. The term TELECOMMUNICATION NETWORK in 6.1.2 being replaced by the term CABLE DISTRIBUTION SYSTEM.	T. T. In and the second	The state of Global Complete
7.3	In Norway and Sweden , for requirements see 1.2.13.14 and 1.7.2.1 of this annex.	Amestalic of Co.	N
7.3	In Norway , for installation conditions see EN 60728-11:2005.	III:	N

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1.5.1 T	ABLE: list of critical compone	nts	The transfer	mplia Thomas The The Thomas The The Thomas The Thomas The Thomas The Thomas The The Thomas The The The Thomas The The Thomas The The The The Thomas The	P #
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity
PCB	Interchangeable	Interchangeable	V-0, 130°C	UL94, UL796	UL 🕬
Coil	FINE ELECTRONICS INDUSTRIAL (HK) LIMITED	PAD3X5	105°C	EN60950-1	Test with equipment
Plastic enclosure	KINGFA SCI & TECH CO LTD	JH8-R20T05 (ddd)	Min. 1.0mm, V-1, 80°C	UL94	UL E171666
Note(s):			HE diace	K Compliance	® A Jalion of G

1.6.2	TABLE: e	electrical data (i	n normal co	nditions)		GO D	Р
U (V)	I (A)	Irated (A)	P (W)	Fuse #	Ifuse (A)	Condition/status	
5	1.34	2	6.7		(III):	Maximum normal load.	nPile

2.1.1.5c)1) T	ABLE: max. V,	A, VA test		检	suce IIII	N Kill Marce
Voltage (rated)	(V) Curre	nt (rated) (A)	Voltage (max.) (V)	Current (max.) (A)	VA (r	nax.) (VA)
THE MARKET	不怕	Harce @ # Harce	Golden (S. Agentalian of Golden	GO (
Note(s):	® Atalion of Global		100 B			lin:

2.1.1.5c)2)	TABLE: stored energy	TILL SAL	I Alaba Compliano	(i) # John Conv	® Allestation of Co.	N Allestation
Capacitance	e C (μF)		Voltage U (V)		Ener	gy E (J)
- 8 Attest	Allestation		- 10			超 測
Note(s):	70			· 1000	Handlands ® &	A Supplied Co.

		a solici	37 / Co,,,,	(3	0	22,35 12,10		
2.2	TABLE: ev	aluation of	voltage limiti	ng compo	nents in SELV cir	cuits		N
Component (measured between)		max. voltage (V) (normal operation)			age Limiting			
Componen	it (measured t	between)			Vpeak	Vd.c.	Components	
	III.	IN	Compliance	The Compile	e a filestation of G	- Allestation C		3-9
Fault test p	performed on v	voltage limi	ting compone	ents	Voltage measured (V) in SELV circuits (V peak or V c			
(B) Attestation of	a GC	<i>-</i>	CO			10 mm	Th.	Karmolianos - Hill
Note(s):					10000000000000000000000000000000000000	F of Chobal Comm	ation of Glob	

2.5 TABLE: limited power source measurement	N sil

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Measured Uoc (V) with all load circuits	Isc (A	4)	VA	
disconnected:	Meas.	Limit	Meas. Limit	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Electron of Global Co	30	GO	GO.
Note(s):	Alles			LUIE -

2.10.2	TABLE: Working vo	Itage measurement	The Companies The Colonic	N N
Location		RMS voltage (V)	Peak voltage (V)	Comments
® Mestation of Gio	C- File and Cloth	(C) (C)	(O	
Note(s):			~ ~ ~	The state of the s

2.10.3 and 2.10.4 TABLE: clearance and creepage distance measurements							
Clearance cl and creepage U p U r.m.s. Required cl cl Required dcr distance dcr at/of: (V) (V) (mm) (mm) (mm)					dcr (mm)		
	- Kanpling	T	Compliance @	Allestation of Glos	(S) Alesanion o	100	
Note(s):	3 Magazion of Globa	® Attestation of G	10°				

2.10.5	TABLE: distance through insulation	For Clobal Company	N		
Distance thr	ough insulation di at/of:	U r.m.s. (V)	Test voltage (V)	Required di (mm)	di (mm)
Note(s):		AND SOME	TE TOWNS	事 · Coood	Compliant (6) What

4.3.8	TABLE: Batteries	Mestalion of Co.		N
The tests of 4 not available	1.3.8 are applicable only when approp	oriate battery data is	- in	N S THE
Is it possible	to install the battery in a reverse polar	rity position?	The Compliance	N
	Non-rechargeable batteries	R	Rechargeable batteries	

The state of the s	Non-red	margeable i	balleries	Rechargeable batteries					
EK 182 Compliant	Discharging		Uninten-	Cha	rging	Discharging		Reverse Charging	
S. F.C.	Meas. Current	Manuf. Specs.	tional charging	Meas. Current	Manuf. Specs.	Meas. Current	Manuf.S pecs.	Meas. Current	Manuf. Specs.
Max. current during normal condition	 © 4	The section of Global Completing	O THE STREET	K Coopel Compliance	3C-	of Course	Attestation of a	C	
Max. current during fault condition	SC ST	1		X	TIM-	e Manager of City	of Complaines	The sallon of Cabbac	-GC
Test results:	K Kingharos	® ##	Filon of Global C	® Mestallon of Gib	~6	0 .	GU		Verdict
- Chemical leak	S of Change	GG AMES	· G				杨	- July	N

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- Explosion of the battery	- The Marine The State of the S	N 1
- Emission of flame or expulsion of molten metal	© Million and the control of the con	N. Testation
- Electric strength tests of equipment after completion of tests	- 100 N	N
Note(s):		Kil milliones

		JZ II-o	-11773	1/5L	Glov
4.3.8	TABLE: Batteries				N
Battery ca	ategory		the station of C	Attestation	
Manufact	urer		10		-mi
Type/mod	del		不懂	THE TANK	Tomphance @ ## Julion of Gl
Voltage,	Capacity		® # clubon of Global O	R Attestation of Gro	-CO
Circuit pr	otection diagram		30 "	GO	
-60	60° 40			100	T. 10 (1)
MARKING	GS AND INSTRUCTIONS (1.	7.13)	THE THE	To Global Compile	Find Good Co
Location	of replaceable battery	The Compliance	bal Comp.	station CC .	ile sub
Language	e(s)				III.
Close to t	the battery	:	-mi	 版	Harce The Compliance
In the ser	vicing instructions		The Compliance	® # tation of Global	© Allestation of Co.
In the ope	erating instructions		The station of Global	10	
Note(s):	® Managen of Global Co	C TO			-7311

4.5	TABLE: maximum	temperature	S					Po A
	Test voltage (V)			a) DC5V; I	o)		C Attestan	
mavimum t	temperature T of part/	/ot:			T (°	C)		allowed Tmax
maximum t	temperature i or part/	al.		a)			b)	(°C)
PCB near l	U1		711	77.8	See Just	不不	Doplance (130
PCB near l	U2	采 环。	Compliance	72.1	(8)	Attestation of Give	CC	130
Coil	(S) The station of Globs	Attestation of A	- C	66.9	0			105
Enclosure i	inside near coil			60.4			A	80
Enclosure	outside near coil	litt:	-	58.5	五 玉	omplian. (2)	Flood Comp.	95
Ambient	10 m	The Compliance	平 环	40.0	Attestation of C	-G	uestalio.	<u> </u>
Tempe	rature T of winding	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	$R_2(\Omega)$	T (°C)	Allowed T _{max} (°C)	Insulation Class
		102				杨	ience	The Compliant

	llin-	The court	200	1185	
111112	1/2 ///	Clobal	@ # 3 of Giv	- (1	
4.5.5	TABLE: ball press	ure test of therm	oplastic parts	C	N

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O Minestation of Giornal	allowed impression diameter (mm):	Tr- 12 compliance	
Part		Test temperature(°C)	Impression diameter (mm)
Global Complian	4 C - C		:11
Note(s):			T. Kantanio

4.7	TABLE: Res	istance to fire	F Mod Global Com	obal Comp.	Global	P
Part	Man	ufacturer of material	Type of material	Thickness (mm)	Flammability class	Evidence
J. C1	G M				一 恒 7	O The son of city
Note(s):		TIME AS	· 按 测	The Colora Company	3 St. Jon of Global Co	C Mileston

5.1	TABLE: touch of	current measurement	10	in the second	N N	
Measured between:			Measured(mA)	Limit(mA)	Comments/conditions	
		To Williams	The Complance	® ## et Globs	Attendition of	
Note(s):	TK TOTALIANOS	® A Julion of Clobal Co	S The station of Cities	C C		

5.2	TABLE: electric strength tests and impulse tests	超测 三等等	© N
Test voltage	applied between:	Test voltage (V)	Breakdown
不不	The The same of th	10	
Note(s):	C. Marie Co.	-till	WE June

TAE	BLE: fault condition	tests	The stion of Global Co	® ## Tostation	C Allerin	P
amb	oient temperature (°C)	Alleste	:	24.6-25.3	,
rate	d markings of pow	er supply	700	The Kill Compli		
no.	Fault	Test voltage (V)	Test time	Fuse no.	Result	
C4 S-C		Market State of State	10min	- -G	Unit shut down, recoverable, no damage, no hazards.	
U2 Pin 3-4, S-C		5	10min	2.0	Unit shut down, recoverable, no damage, no hazards.	
U1 Pin 1-16, S-C		Marianes 5	10min	® ## station of	Unit shut down, recoverable, no damage, no hazards.	
put	O-L	5 Market 100 1	2h43min	,0	Max. overload is 7.5 W, no damage, no hazard. Coil: 63.7°C, Ambient: 24.9°C.	
Coil S-C		5	10min	July	Unit shut down, recoverable, no damage, no hazards.	
	rate	ambient temperature (rated markings of pow no. Fault S-C Pin 3-4, S-C Pin 1-16, S-C	rated markings of power supply no. Fault Test voltage (V) S-C 5 Pin 3-4, S-C 5 Pin 1-16, S-C 5	ambient temperature (°C)	ambient temperature (°C) rated markings of power supply : no. Fault Test voltage (V) Test time Fuse no. S-C 5 10min Pin 3-4, S-C 5 10min Pin 1-16, S-C 5 10min	ambient temperature (°C)

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AttachmentA



Fig.1-over view

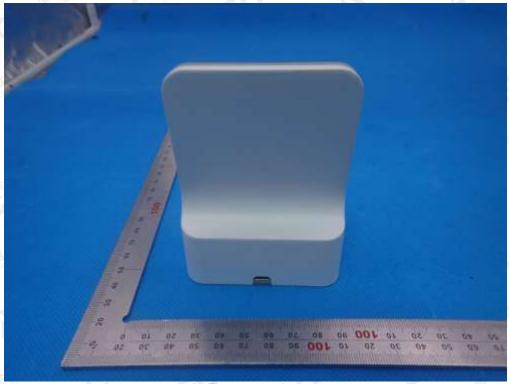


Fig.2 -rear view

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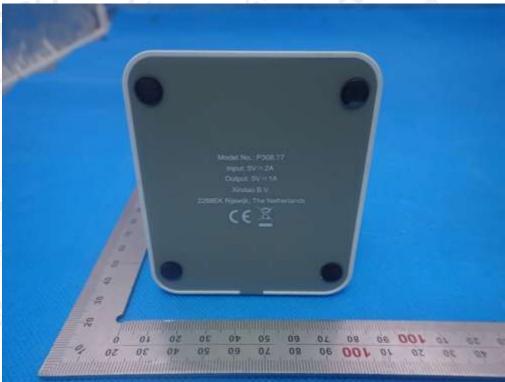


Fig.3-bottom view

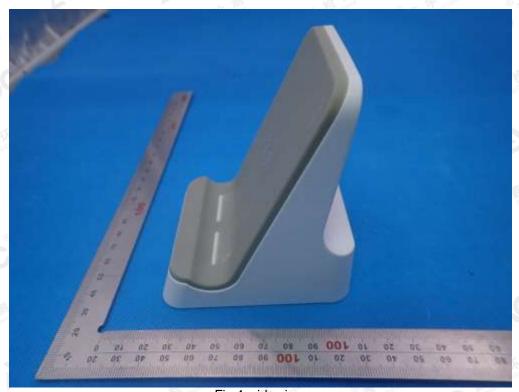


Fig.4-side view

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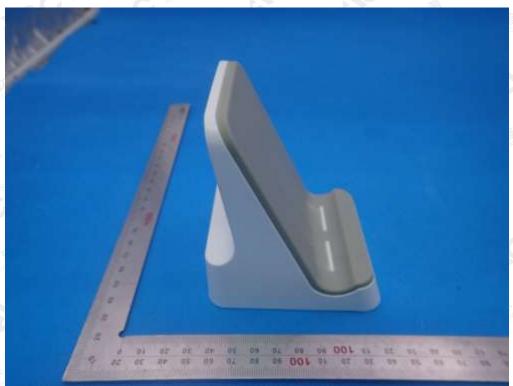


Fig.5 - side view

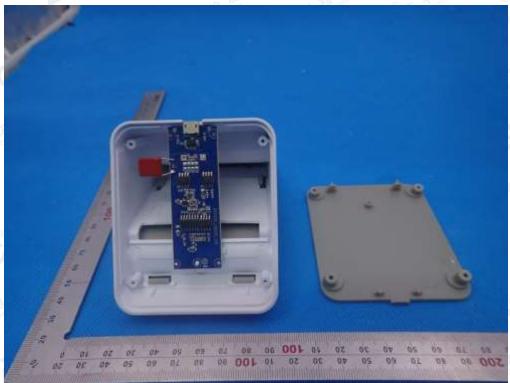


Fig.6- internal view

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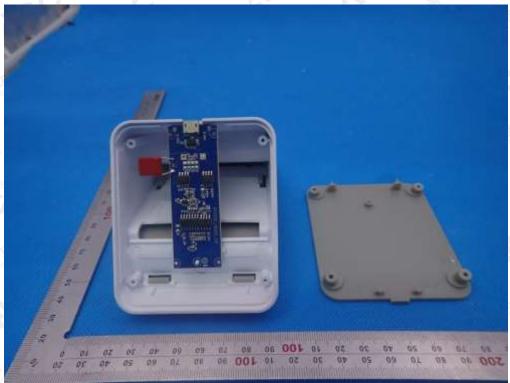


Fig.7- internal view

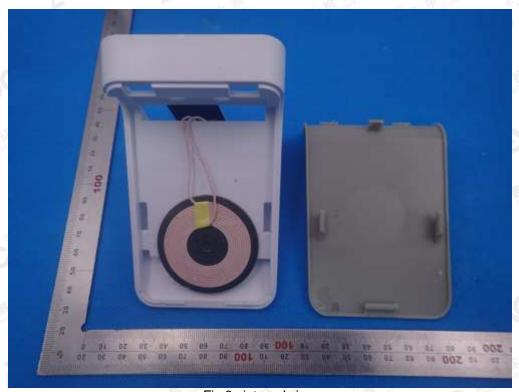


Fig.8- internal view

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AGC 8



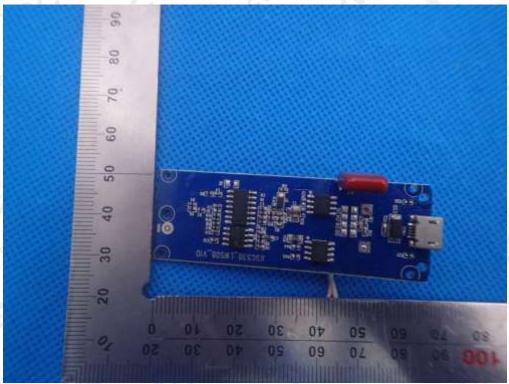


Fig.9- PCB view

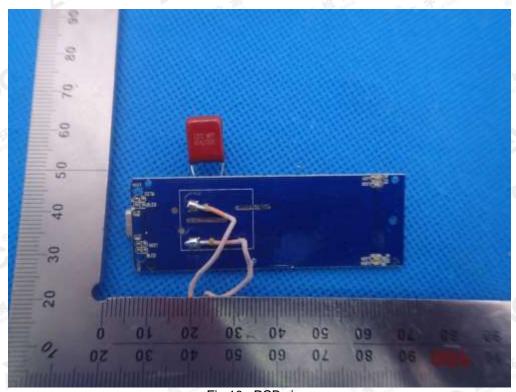


Fig.10- PCB view

----END OF REPORT----

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Attestation of Global Compliance

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