

Safety Test Report

Report No.:AGC04094180501ES01

PRODUCT DESIGNATION: Aluminum wireless charger

BRAND NAME : N/A

MODEL NAME : P308.89

CLIENT : Xindao B.V.

DATE OF ISSUE : June. 01, 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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Attestation of Global Compliance

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TEST REPORT

EN 60950-1

Information technology equipment-Safety-Part 1: General requirements

Report Reference No...... AGC04094180501ES01

Tested by(+ signature) Albert Liang

Reviewed by (+ signature) Jenny Li

Matte He

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

Date of issue June.01, 2018

Contents...... Total 50 pages.

Testing laboratory

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

Address 2/F., Building 2, No.1-No.4, Chaxi Sanwei Technical Industrial Park,

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

Jemyli Mette He

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

Manufacturer

Name....: Xindao B.V.

Address P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

Factory

Name....: Xindao B.V.

Test specification

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

Test procedure Type test

Procedure deviation...... N/A

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

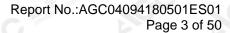
Test Report Form/blank test report

Test Report Form No...... AGC60950A8

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

Master TRF Dated 2017-01

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				line Hiller
Test item			The sour	minutes The minutes
Product designation		ess charger		© # Honor choose Co
Brandname				C
Test model				:11
Series model				TIM Examplance
	Input: 5Vdc, 2A Output Power: 5V	W sk.	All Marco	America Santandord
Particulars	® Mestalion of Gib			M. Contable
Equipment mobility			☐ hand-held ☐for building-in	
Connection to the mains		□pluggable e	quipment 🔲 typ	GIII -
	45. F	permanent		Forgodol com
			power supply cor able power suppl	
8 Marchand Con San Marchand Con			connected to the	
Operating condition		continuous		The transfer of
	- FILL	☐rated opera	ting/ resting time:	® # Japan of Clouds
Access location		PO C (20)	ccessible	20 m
Over voltage category(OVC)				□OVC IV ⊠other
Mains supply tolerance(%) or absolute supplyvalues		N/A		F. T. Bankon Comment
Tested for IT power systems	(a) Manager Comme	☐Yes ∑	No	
IT testing, phase-phase voltage(V)				
Class of Equipment	:	Class I	□Class II	⊠Class III
Considered current rating of protective	adovice se nart	not classifie	d The toppy compliance	® Management (Separation of Separation of Se
of the building installation (A)	3 UEVICE as part	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 All donor .	<500m		
Mass of equipment (kg)	alion "	<1Kg	60	
Test case verdicts			AND THE STATE OF T	The phonon of th
Test case does not apply to the test ob	ject:	N (/A)		
Test item does meet the requirement	(a) The same	P (ass)		
Test item does not meet the requireme	nt:	F (ail)		
Testing				
Date of receipt of test item	:	May.17, 2018		
Date(s) of performance of test	**************************************	May.19-May.2	29, 2018	



	110-	ď,	í.		 - 4
Δ	tta	r	n	m	nt

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:	-C AMES	G To Land	
Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0		June.01, 2018	Valid	Original report

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.

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.

Aluminum wireless charger

Model: P308.89 Input: 5V === 2A Output: 5W

(



Xindao B.V.

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

Netherlands

Importer: XXXXXXXX

Address: XXXXXXXX Made In China

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	1	
Clause	Requirement – Test	Result – Remark	Verdic
- FILL	The state of the s	c0 c0 .	
1 2	GENERAL		Р
Alles lalic		Title .	The Compli
1.5	Components	大龙声· 大龙······· _ ● 餐	on of Glov P
1.5.1	General	Committee Commit	Р
	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.	N
1.5.4	Transformers	No transformers	estation of N
1.5.5	Interconnecting cables	" CO . CO	Р
1.5.6	Capacitors bridging insulation	No such capacitor.	N
1.5.7	Resistors bridging insulation	五型 天营	Name P
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 W
1.5.7.3	Resistors bridging double or reinforced insulation between a.c. mains antenna or coaxial cable	A Marine	ation of Go N
1.5.8	Components in equipment for IT power systems		N
1.5.9	Surge suppressors	No such parts.	Ν
1.5.9.1	General	是	N
1.5.9.2	Protection of VDRs	That comme	N
1.5.9.3	Bridging of functional insulation by a VDR	20 20	N
1.5.9.4	Bridging of basic insulation by a VDR		N
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR	天 接	Jornalisance N

1.6	Power interface		P
1.6.1	AC power distribution systems	No direct mains cor	nnection. N



	EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict			
1.6.2	Input current	(See appended table 1.6.2)	CP T			
1.6.3	Voltage limit of hand-held equipment		N			
1.6.4	Neutral conductor	Class III equipment, no neutral conductor.	Nanatanos			

1.7	Marking and instructions		P
1.7.1	Power rating	See below	Р
10	Rated voltage(s) or voltage range(s) (V)	See marking plate	
	Symbol for nature of supply, for d.c. only:	See marking plate	
® 45.	Rated frequency or rated frequency range (Hz):	* GO D	
C Arties	Rated current (mA or A)	See marking plate	
1.7.1.2	Identification markings	The State of the S	Р
- FIII	Manufacturer's name or trademark or identification mark	See marking plate	
Omplie.	Type/model or type reference:	See marking plate	
CC MI	Symbol for Class II equipment only:	The State Community	
O	Other marking and symbols	See marking plate.	
1.7.1.3	Use of graphical symbols	60 10	Р
1.7.2	Safety instructionsand marking	Provided.	P
1.7.2.1	General	See below.	P
1.7.2.2	Disconnect devices	No such devices	N
1.7.2.3	Overcurrent protective device	- 60	N
1.7.2.4	IT power distribution systems		N
1.7.2.5	Operator access with a tool	11	N
1.7.2.6	Ozone	And Committee of the Country of the	N
1.7.3	Short duty cycles	Equipmentis designed forcontinuous operation.	N
1.7.4	Supply voltage adjustment	No such devices used	N
	Methods and means of adjustment; reference to installation instructions:	M. The County Company of the County C	CN
1.7.5	Power outlets on the equipment:	1 60	N
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference)	The state of the s	M N
1.7.7	Wiring terminals	10 (B) All mind colors (Colors Colors	N
1.7.7.1	Protective earthing and bonding terminals:	Class III equipment, no protective earthing	N



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.7.7.2	Terminal for a.c. mains supply conductors	60 60	N
1.7.7.3	Terminals for d.c. mains supply conductors	30 30	N
1.7.8	Controls and indicators		Pompilano
1.7.8.1	Identification, location and marking	It is obviously unnecessary.	on of Glow 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	报题	e N
1.7.8.4	Markings using figures	Not applicable.	N
1.7.9	Isolation of multiple power sources:	No direct connection to mainssupply	N
1.7.10	Thermostats and other regulating devices	No thermostats or other regulating devices used	M N
1.7.11	Durability	The marking withstands required tests.	P
1.7.12	Removable parts	No such parts.	N
1.7.13	Replaceable batteries	No battery	N
2G	Language(s)	The State Company	
1.7.14	Equipment for restricted access locations:	The Company of Management of M	estallo" N

2 Sound Global	PROTECTION FROM HAZARDS		_{II} 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	Statement CO No.	Р
2.1.1.1	Access to energized parts	No energized parts.	Р
C Alles	Test by inspection	- 101	
	Test with test finger(Figure 2A)	K British T. The Company Of Street	
-TIII)	Test with test pin (Figure 2B)		
al Compliance	Test with test probe (Figure 2C)	CO D	
-6		10000000000000000000000000000000000000	
2.1.1.2	Battery compartments:	The Standard Community of the Standard Commu	N
2.1.1.3	Access to ELV wiring	S Allerdaine C	N
Managara of Global Cor	Working voltage (Vpeak or Vrms); minimum distance (mm) through insulation	NO III	
2.1.1.4	Access to hazardous voltage circuit wiring	I I I I I I I I I I I I I I I I I I I	N
2.1.1.5	Energy hazards	No energy hazard in operator access area.	N
2.1.1.6	Manual controls		N =



	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
2.1.1.7	Discharge of capacitors in equipment	No primary circuit.	N		
Combine	Time-constant (s); measured voltage (V)				
2.1.1.8	Energy hazards – d.c. mains supply	Not directly connect to mains supply	The Name		
	a)Capacitor connected to the d.c. mains supply:	Bush Harman @ San	on of Glice N		
是 玩 to	b)Internal battery connected to the d.c. mains supply:	CG MAN NO	N		
2.1.1.9	Audio amplifiers	No any amplifiers	N		
2.1.2	Protection in service access areas	T. E. Marie	0 N 3		
2.1.3	Protection in restricted access locations	@ # afford Colored	O N		

2.2	SELV circuits		₩ 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
2.2.2	Voltages under normal conditions (V)	Within SELV limits.	Р
2.2.3	Voltages under fault conditions (V)	Within SELV limits.	# P
2.2.4	Connection of SELV circuits to other circuits:	Aller de la	N

2.3	TNV circuits		M N
2.3.1	Limits	No TNV circuits.	N
	Type of TNV circuits	® ## Sond Colonia	N
2.3.2	Separation from other circuits and from accessible parts	S. FOOD	N
2.3.2.1	General requirements	70 E 70	J.N
2.3.2.2	Protection by basic insulation	A Company	N
2.3.2.3	Protection by earthing	C Allestonia	N
2.3.2.4	Protection by other constructions	CO P	N
2.3.3	Separation from hazardous voltages	上	N s
	Insulation employed:	# Flood Comme	N
2.3.4	Connection of TNV circuits to other circuits	and the state of t	N
F of Global	Insulation employed:	10	N
2.3.5	Test for operating voltages generated externally	推 挪	N N

2.4	Limited current circuits	Company (Company)	cC ***	-,0	N
2.4.1	General requirements		No limited current circle evaluated.	cuits to be	N



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
2.4.2	Limit values	60 co	N
Combina	Frequency (Hz)		N
(R) Altestal	Measured current (mA)		The N
3	Measured voltage (V)	E ST.	on of Gira
工 检	Measured capacitance (nF or μF)	© Sittle build of CO	N
2.4.3	Connection of limited current circuits to other circuits	CO E	N

2.5	Limited power sources	S A State of Green S A S A S A S A S A S A S A S A S A S	O N
® A	a)Inherently limited output	SGO DE	N
-G	b)Impedance limited output		₩ N
	c)Regulating network limited output under normal operating and single fault condition	® Marin of Citation Of the State of Company	N
THIS .	d)Overcurrent protective device limited output	60	N
(S)	Max. output voltage (V), max. output current (A), max. apparent power (VA)	A Marine	
9	Current rating of overcurrent protective device (A)	The first of the second of the	station of N
	Use of integrated circuit (IC) current limited	lagon, C. Man	N

2.6	Provisions for earthing and bonding		
2.6.1	Protective earthing	Class III equipment.	N
2.6.2	Functional earthing	® ####################################	N
0 E F	Use of symbol for functional earthing		N
2.6.3	Protective earthing and protective bonding conductors		F IN
2.6.3.1	General	John Comment of the First of Comment of the Comment	N
2.6.3.2	Size of protective earthing conductors	2G - 30	N
od Comm	Rated current (A), cross-sectional area (mm²), AWG:		N
2.6.3.3	Size of protective bonding conductors	S S S S S S S S S S S S S S S S S S S	N
下 被	Rated current (A), cross-sectional area (mm²), AWG	, Too De	N
2.6.3.4	Resistance of earthing conductors and their terminations, resistance(Ω), voltage drop(V),test current (A), duration(min):	So SE TO CONTRACTOR OF THE TOTAL OF THE PARTY OF THE PART	Sarramario N
2.6.3.5	Colour of insulation	CO - CO	N
2.6.4	Terminals	.all	N



EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
2.6.4.1	General	CO CO	N	
2.6.4.2	Protective earthing and bonding terminals		N	
C ATTEN	Rated current (A), type and nominal thread diameter (mm):		N N	
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors	Second Control of the	N	
2.6.5	Integrity of protective earthing	NO P	N	
2.6.5.1	Interconnection of equipment	10000000000000000000000000000000000000	N	
2.6.5.2	Components in protective earthing conductors and protective bonding conductors	Manufact Comme Com	O N	
2.6.5.3	Disconnection of protective earth	NO P	N	
2.6.5.4	Parts that can be removed by an operator		N	
2.6.5.5	Parts removed during servicing	o Figure Comm	N	
2.6.5.6	Corrosion resistance	6 m	N	
2.6.5.7	Screws for protective bonding	0 10	N	
2.6.5.8	Reliance on telecommunication network or cable distribution system	The state of the s	N 100 mil	

2.7	Overcurrent and earth fault protection in primary circuits		N
2.7.1	Basic requirements	Supplied by SELV	M N
	Instructions when protection relies on building installation	The transfer of the transfer o	N
2.7.2	Faults not covered in 5.3.7	- American	N
2.7.3	Short-circuit backup protection		N 🛝
2.7.4	Number and location of protective devices:	in 2011	E IN
2.7.5	Protection by several devices	K Common E The Common Res	N N
2.7.6	Warning to service personnel:	C Martine C	N

2.8	Safety interlocks	2. 110 110 110 110 110 110 110 110 110 11	N 3
2.8.1	General principles	No safety interlocks	N
2.8.2	Protection requirements	C Market CC No.	N
2.8.3	Inadvertent reactivation	C NO	N
2.8.4	Fail-safe operation	校 #	J. Marce N
	Protection against extreme hazard	E TO O THE STANDARD OF THE STA	N
2.8.5	Moving parts	-C - C - C - C - C - C - C - C - C - C	N
2.8.6	Overriding		N



	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
2.8.7	Switches and relays	60 60	N		
2.8.7.1	Contact gaps (mm)		N		
2.8.7.2	Overload test		N molisace		
2.8.7.3	Endurance test	T Busines T Tomburg	on of N		
2.8.7.4	Electric strength test	inde of the second of the seco	N		
2.8.8	Mechanical actuators	- 60	N		

2.9	Electrical insulation	The Company of the State Company	Nestations
2.9.1	Properties of insulating materials	Natural rubber, asbestos or hygroscopic materials are not used.	N
2.9.2	Humidity conditioning		N N
0	Humidity (%),temperature (°C)	To the state of th	N
2.9.3	Grade of insulation	The state of the s	N
2.9.4	Separation from hazardous voltages	CC - CO	N
Compliance	Method(s) used:		N

2.10	Clearances, creepage distances and distances through insulation		setation of N
2.10.1	General	Functional insulation only.	N
F of Global Comm	Frequency		N N
itestalio	Pollution degrees	· · · · · · · · · · · · · · · · · · ·	N
	Reduced values for functional insulation	The Comment of the Co	N
	Intervening unconnected conductive parts	- 300	N
® 5	Insulation with varying dimensions		N
-,C	Special separation requirements	10	I/N
	Insulation in circuits generating starting pulses	A State Comment	ation of N
2.10.2	Determination of working voltage		N
2.10.3	Clearances	100	N
2.10.3.1	General	10000000000000000000000000000000000000	N
2.10.3.2	Mains transient voltages	E Todal Comme	N
松	a)AC mains supply	20 00	N
F of Global Co	b)Earthed d.c. mains supplies		N
Affestation	c)Unearthed d.c. main supplies	拉,	omplance N
	d)Battery operation	of San Andrews Comment	N
2.10.3.3	Clearances in primary circuits	CO - CO	N
2.10.3.4	Clearances in secondary circuits		N



	EN 60950-1		1
Clause	Requirement – Test	Result – Remark	Verdict
2.10.3.5	Clearances incircuits having starting pulses	CO CO	N
2.10.3.6	Transients from a.c. mains supply:		N
2.10.3.7	Transients from d.c. mains supply:	771	N
2.10.3.8	Transients from telecommunication networks and cable distribution systems	THE THE PARTY OF T	N of Color
2.10.3.9	Measurement of transient voltage levels		N
Allestation C.	a)Transients from a mains supply		N
\G	For a.c. mains supply	不是	O N
	For d.c. mains supply:	Manufactured Company of the state of the sta	N
® ##	b)Transients from	GO	N
2.10.4	Creepage distances		₩ N
2.10.4.1	General	T. Walland	N
2.10.4.2	Material group and comparative tracking index	© Management of Color	N
Allance Allance	CTI tests	60	N
2.10.4.3	Minimum creepage distances	利	N
2.10.5	Solid insulation	The Third Comment of the Comment of	N
2.10.5.1	General	Standard C. Standard C. S. Standard C. S.	N
2.10.5.2	Distances through insulation	700 70	N
2.10.5.3	Insulation compound as solid insulation	J.	M N
2.10.5.4	Semiconductor device	The state of the s	N
2.10.5.5	Cemented joints	© # Janet Colone	N
2.10.5.6	Thin sheet material - General		N
2.10.5.7	Separable thin sheet material		N
30	Number or layers(pcs)	THE THE SERVICE SERVICES	N
2.10.5.8	Non-separable thin sheet material	State Comment of the State of t	N
2.10.5.9	Thin sheet material – standard test procedure	2.G ****	N
Pal Cours	Electric strength test		N
2.10.5.10	Thin sheet material – alternative test procedure	大龙	⊗ N
	Electric strength test	3 A Hard Colonia (S. A Hard Colonia)	N
2.10.5.11	Insulation in wound components	The Co	N
2.10.5.12	Wire in wound components	-ml	₩ N
Alles	Working voltage	The State of the S	N
	a)Basic insulation not under stress:	© Francisco de Company	N
F 711	b)Basic, supplementary, reinforced insulation:	40	N
Comments (R) The	c)Compliance with Annex U:	lin:	N ale



EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
	Two wires in contact inside wound component; angle between 45° and 90°	CC CC	N	
2.10.5.13	Wire with solvent-based enamel in wound components		N. January	
	Electric strength test	The Completion	N N	
The Comple	Routine test		N	
2.10.5.14	Additional insulation in wound components	S	N	
	Working voltage	海河 在河	N	
	-basic insulation not under stress	The Calculation of the Calculati	N	
-	-Supplementary, reinforced insulation:	2.C	N	
2.10.6	Construction of printed boards		N	
2.10.6.1	Uncoated printed boards	拉那 玩	of incliance N	
2.10.6.2	Coated printed boards	S SE THOUGHT OF SE	N	
2.10.6.3	Insulation between conductors on the same inner surface of a printed board	CC CC	N	
2.10.6.4	Insulation between conductors on different layers of a printed board	THE TANKS OF THE PARTY OF THE P	N 1/2	
	Distance through insulation	State Comment	N N	
The Harmonian	Number of insulation layers(pcs)	700 70	N	
2.10.7	Component external terminations		M N	
2.10.8	Tests on coated printed boards and coated components	The the state of t	N	
2.10.8.1	Sample preparation and preliminary inspection	- All Comments	N	
2.10.8.2	Thermal conditioning		N 🧌	
2.10.8.3	Electric strength test		I The Normalian	
2.10.8.4	Abrasion resistance test	K Common E The Common S	s stion of N	
2.10.9	Thermal cycling	C Francisco	N	
2.10.10	Test for Pollution Degree 1 environment and insulating compound	200	N	
2.10.11	Test for semiconductor devices and cemented joints	O M. Francisco	CN	
2.10.12	Enclosed and sealed parts	CO TO	N	

3	WIRING, CONNECTIONS AND SUPPLY	111172	K Compliance	要 · Th	P	
3.1	General	K Compliance	® ### of Glov	R) Allestation of	Р	
3.1.1	Current rating and overcurrent protection	inte	equate cross sectional ernal wiring. No interna mary power distribution	al wire for	Р	極



	EN 60950	-1	
Clause	Requirement – Test	Result – Remark	Verdict
3.1.2	Protection against mechanical damage	Wires do not touch sharp edges that could damage the insulation and cause hazard.	P
3.1.3	Securing of internal wiring	Internal wiring is reliable secured	The Proposition
3.1.4	Insulation of conductors	T Bearing The State of the Stat	on of Com
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	100	.∰ P
	10 N pull test	No break away	Р
3.1.10	Sleeving on wiring	No sleeving used to provide supplementary insulation	N

3.2	Connection to a mains supply	-all FK KA Date	N Tel
3.2.1	Means of connection	Class III equipment, not directly connected to mains	Setation of N
3.2.1.1	Connection to an a.c. mains supply		N
3.2.1.2	Connection to a d.c. mains supply		M N
3.2.2	Multiple supply connections	· 拉加·	N
3.2.3	Permanently connected equipment	O A Standard Comment of the Comment	N
® 5	Number of conductors, diameter (mm) of cable and conduits	S POO N	
3.2.4	Appliance inlets		J.N
3.2.5	Power supply cords	A Companie The John Comment Companie	N _
3.2.5.1	AC power supply cords	C Managina C	N
pal compliance	Type	100 P	
N.G	Rated current (A), cross-sectional area (mm ²), AWG	大龙	
3.2.5.2	DC power supply cords	3 Manufacture of Goods (8) Manufacture of Goods	N
3.2.6	Cord anchorages and strain relief	, GO D	N
Alles lation of Go	Mass of equipment (kg), pull (N)		
	Longitudinal displacement (mm)	A Thomas of the Tolland	
3.2.7	Protection against mechanical damage	(S) Altertules (S) Altertules	N
3.2.8	Cord guards	100	N
® %	D (mm); test mass (g):		



J.M. V.Co.		lin-	ALC:
	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
A THE	Radius of curvature of cord (mm)	CO CO	
3.2.9	Supply wiring space		N

3.3	Wiring terminals for connection of external condu	ictors	M N
3.3.1	Wiring terminals	© All parties of the second	N
3.3.2	Connection of non-detachable power supply cords	CO PRO	N
3.3.3	Screw terminals	The Marianes The Compliance	® N station
3.3.4	Conductor sizes to be connected	E Thomas Colonia Colon	G O N
() A	Rated current (A), cord/cable type, cross-sectional area (mm²)	NG C	
3.3.5	Wiring terminal sizes	King allares	In the indiance N
711	Rated current (A), type and nominal thread diameter (mm)	C. Marine C. Marine	
3.3.6	Wiring terminals design		N
3.3.7	Grouping of wiring terminals	The state of the s	N Compil
3.3.8	Stranded wire	The manus and the state of the	© A

3.4	Disconnection from the mains supply		N
3.4.1	General requirement	Class III equipmen, not directly connected to mains.	N
3.4.2	Disconnect devices	© Milliand Committee (Committee Committee Comm	N
3.4.3	Permanently connected equipment	6.3	N
3.4.4	Parts which remain energized		N 🦚
3.4.5	Switches in flexible cords	111	N
3.4.6	Single-phase equipment and d.c. equipment	The Manual State of the State o	N
3.4.7	Three-phase equipment	And C Manual C	N
3.4.8	Switches as disconnect devices	100	N
3.4.9	Plugs as disconnect devices	地 地	N %
3.4.10	Interconnected equipment	The second country of	N
3.4.11	Multiple power sources		N

3.5	Interconnection of equipment	拉那	ompliance P
3.5.1	General requirements	S O ME STORY OF THE STORY OF TH	P
3.5.2	Types of interconnection circuits	SELV circuit only.	Р
3.5.3	ELV circuits as interconnection circuits	No ELV interconnections.	N



3.11. "Co.,				all land
		EN 60950-1		
Clause	Requirement – Test		Result – Remark	Verdict
3.5.4	Data ports for additional equipment	F of Global Comp.	Input USB port only	N

4	PHYSICAL REQUIREMENTS		The Pompland		
4.1	Stability	TA Commune	Kit This	The Compliance ®	Market on of Giron N
极利	Angle of 10°	® ## gallon of Globa" ® ##	on of Goodle ®	The sale of Control of	N
For of Global Can	Test: force (N)		.: . 60		N

4.2	Mechanical strength	The Company of the Co	Pastallan
4.2.1	General	See below	Р
® %	Rack-mounted equipment.	100	N
4.2.2	Steady force test, 10 N	Apply to internal component	pinere P
4.2.3	Steady force test, 30 N	a Figure Comm	N.
4.2.4	Steady force test, 250 N	250N applied to outer enclosure. No energy or other hazards.	Р
4.2.5	Impact test		N
4.C **	Fall test	The standard	N
(O)	Swing test	The comment of the control of the co	N
4.2.6	Drop test; height(m)	1m.	Р
4.2.7	Stress relief test	75°C, 7h, no damage and no hazards.	P
4.2.8	Cathode ray tubes	No cathode ray tube.	N
	Picture tube separately certified	® All bridge Common Com	N
4.2.9	High pressure lamps	No high pressure lamp	N
4.2.10	Wall or ceiling mounted equipment; force (N):	ini.	Nompland

4.3	Design and construction		Р
4.3.1	Edges and corners	Edges and corners are rounded and smooth.	Р
4.3.2	Handles and manual controls; force (N)	The state of the s	N
4.3.3	Adjustable controls	No such adjustable control.	N
4.3.4	Securing of parts	CC TO	N
4.3.5	Connection of plugs and sockets		_{sill} N
4.3.6	Direct plug-in equipment	Not direct plug-in equipment.	ompliance N
	Torque	S SE CONTROL CONTROL OF SECURITY OF SECURI	N
Compliance	Compliance with the relevant mains plug standard	CC SCC	N



EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
4.3.7	Heating elements in earthed equipment	No heating elements.	N
4.3.8	Batteries		N
(B) Attestation	-Overcharging of a rechargeable battery		The Napulane
T	-Unintentional charging of a non-rechargeable battery	A TANK THE PARTY OF THE PARTY O	N
F Global Compli	-Reverse charging of a rechargeable battery	CC **	N
Attestation of	-Excessive discharging rate for any battery	1 11	N
4.3.9	Oil and grease	No oil and grease.	O N
4.3.10	Dust, powders, liquids and gases	Equipment in intended use not considered to be exposed to these.	O 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.	mphance N
	Quantity of liquid (I)	® State and a clother a state of the clother and the clother a	N
A	Flash point (°C):	20 200	N
4.3.13	Radiation; type of radiation:		P
4.3.13.1	General		Parconn
4.3.13.2	Ionizing radiation	No ionizing radiation	Ν
大村 河	Measured radiation (pA/kg)		
Hou of Glopal Co.	Measured high-voltage (kV)		
le State	Measured focus voltage (kV)	· · · · · · · · · · · · · · · · · · ·	
	CRT markings	C F debut com	
4.3.13.3	Effect of ultraviolet (UV) radiation on materials	No ultraviolet radiation	N
O Mestalio	Part, property, retention after test, flammability classification		N W
4.3.13.4	Human exposure to ultraviolet (UV) radiation:	E Bandon T. T. Company	allon of Gui
4.3.13.5	Lasers (including laser diodes) and LEDs	30000 @ Million of Co	P
4.3.13.5.1	Lasers (including laser diodes)	-GO B	N
	Laser class		
4.3.13.5.2	Light emitting diodes (LEDs)	LEDs for indication only	
4.3.13.6	Other types	3 # Jahranda Salahania	N

4.4	Protection against hazardous moving parts		N
4.4.1	General	No hazardous moving parts.	N
4.4.2	Protection in operator access areas	C. S. C.C.	N
Compliance ®	Household and home/office document/media shredders	So yo	N N



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
4.4.3	Protection in restricted access locations	CO CO	N
4.4.4	Protection in service access areas		N
4.4.5	Protection against moving fan blades		N N
4.4.5.1	General	· 五、 一 五、 一 五、 一 一 一 一 一 一 一 一 一 一 一 一 一	on of Given N
一板	Not considered to cause pain or injury. a):	and the second second	N
Figure of Global Con	Is considered to cause pain, not injury. b):	GO	N
Allesia	Considered to cause injury. c):	111	N _
4.4.5.2	Protection for users	Transferment Transferment	N
	Use of symbol or warning	Marine C	N
4.4.5.3	Protection for service persons	CO	N
20	Use of symbol or warning:		N

4.5	Thermal requirements	C. F. C.	Р
4.5.1	General	00	Р
4.5.2	Temperature tests	(see appended table 4.5)	PA
00	Normal load condition per Annex L	S SE Francisco	
4.5.3	Temperature limits for materials	(see appended table 4.5)	Р
4.5.4	Touch temperature limits	(see appended table 4.5)	Р
4.5.5	Resistance to abnormal heat	No thermoplastic parts on which parts athazardous voltage are directly mounted.	N ®

4.6	Openings in enclosures		Р
4.6.1	Top and side openings		P Compiler
9	Dimensions (mm)	Circle openings diameter<5mm	
4.6.2	Bottoms of fire enclosures	No openings and no fire enclosure required	N
pal Cour	Construction of the bottom		
4.6.3	Doors or covers in fire enclosures	No doors and covers	® N
4.6.4	Openings in transportable equipment	Supplied by LPS	Р
4.6.4.1	Constructional design measures	CO TO	N
The Chopar	Dimensions(mm)	-ml	∌ N
4.6.4.2	Evaluation measures for larger openings	张	South N
4.6.4.3	Use of metallized parts	No such part	N
4.6.5	Adhesives for constructional purposes	No adhesives for constructional purpose.	N



3/1 (0-			ed .
	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
45 All	Conditioning temperature (°C), time (weeks):	CO CO	

4.7	Resistance to fire		The Pompliant
4.7.1	Reducing the risk of ignition and spread of flame	Use of plastic with the required flammability classes.	on of Guerra
THE THE TOTAL COMM	Method 1, selection and application of components wiring and materials	Method 1 used	Р
G	Method 2, application of all of simulated fault condition tests	不是 那	N A
4.7.2	Conditions for a fire enclosure	See appended table 1.5.1	U P
4.7.2.1	Parts requiring a fire enclosure	, CO D	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	TO'S SEE THE TOTAL COUNTY OF THE PROPERTY OF T	P
4.7.3.1	General	PCB rated V-0	Р
4.7.3.2	Materials for fire enclosures		N
4.7.3.3	Materials for components and other parts outside fire enclosures	The state of the s	Nation of Nation
4.7.3.4	Materials for components and other parts inside fire enclosures	See appended table 1.5.1	Р
4.7.3.5	Materials for air filter assemblies	No air filter assemblies	M N
4.7.3.6	Materials used in high-voltage components	No high voltage components.	N

5	ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS	Р
5.1	Touch current and protective conductor current	N
5.1.1	General	Sonor ON
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	N
5.1.2.3	Simultaneous multiple connections to an a.c. mains supply	N
5.1.3	Test circuit	N
5.1.4	Application of measuring instrument	N
5.1.5	Test procedure	N
5.1.6	Test measurements	N
Compliance	Test voltage (V):	N



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
Fill.	Measured touch current (mA)	CO - CO - C	N
Compile	Max. allowed touch current (mA)		N
(R) Altesti	Measured protective conductor current (mA):		N
30	Max. allowed protective conductor current (mA) .:	Barre Transferred @ St.	N
5.1.7	Equipment with touch current exceeding 3.5 mA:	o Marianto CO	N
5.1.7.1	General	GO	N
5.1.7.2	Simultaneous multiple connections to the supply	111	N /
5.1.8	Touch currents to and from telecommunication networks and cable distribution systems and from telecommunication networks	A CO MAN TO SCO	O N
5.1.8.1	Limitation of the touch current to a telecommunication network and a cable distribution system	I I Wanted	N Traditional
	Test voltage (V)	© Management Co. Mana	N
Allance	Measured touch current (mA)	60 100	N
® 4	Max. allowed touch current (mA)		N
5.1.8.2	Summation of touch currents from telecommunication networks	The state of the s	N N
/ 检》	a)EUT with earthed telecommunication ports:		N
estation of Global Conn	b)EUT whose telecommunication ports have no reference to protective earth	河	M N

5.2	Electric strength	® # January Comments	N
5.2.1	General	Class III equipment	N
5.2.2	Test procedure	301	N Simpliano

5.3	Abnormal operating and fault conditions	Goodel ® # animal Good	P
5.3.1	Protection against overload and abnormal operation	(see appended table 5.3)	Р
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)	Р
5.3.5	Electromechanical components		N Dilance
5.3.6	Audio amplifiers in ITE	The state of the s	N
5.3.7	Simulation of faults	Result see appended table 5.3.	Р
5.3.8	Unattended equipment	0	N



	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
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.	P		
5.3.9.2	After the tests	No fire, no danger.	P P		

6	CONNECTION TO TELECOMMUNICATION NETWORKS	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	
6.1.2	Separation of the telecommunication network from earth	
6.1.2.1	Requirements	, N
6	Test voltage (V)	
	Current in the test circuit (mA)	
6.1.2.2	Exclusions:	N

6.2	Protection of equipment users from overvoltage	ges on telecommunication networks	N
6.2.1	Separation requirements	The terretains @ Management of the state of	ation of N
6.2.2	Electric strength test procedure	- GO - GO	N
6.2.2.1	Impulse test		N
6.2.2.2	Steady-state test	No insulation breakdown	N
6.2.2.3	Compliance criteria	Compliance	N S

6.3	Protection of the telecommunication wiring sys	stem from	overheating		N W
	Max. output current (A)	llin			
	Current limiting method	A Compliance	The Compile	(S) Alles	

7	CONNECTION TO CABLE DISTRIBUTION SYSTI	EMS	N
7.1	General		N 4
7.2	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment		C N
7.3	Protection of equipment users from overvoltages on the cable distribution system	T. W. Commission of the state o	Sent plance N
7.4	Insulation between primary circuits and cable distribution systems	CC CC	N
7.4.1	General		N



Jan. 100.			- Aller	
EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
7.4.2	Voltage surge test	20 ZO	N N	
7.4.3	Impulse test		N and	

	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
A Thomas	ANNEX A, TESTS FOR RESISTANCE TO HEAT	AND FIRE	N		
A.1	Flammability test for fire enclosures of movable ed exceeding 18 kg, and of stationary equipment (see		N		
A.1.1	Samples	O - F Conditions O M. Ford County			
	Wall thickness (mm):	Z.C. Marine			
A.1.2	Conditioning of samples; temperature (°C):		, N		
A.1.3	Mounting of samples:	不整点	Compliance N		
A.1.4	Test flame (see IEC 60695-11-3)	of the state of th	N		
- July	Flame A, B, C or D:	CO = CO			
A.1.5	Test procedure		N		
A.1.6	Compliance criteria	THE COMMISSION OF THE PERSON O	N _{ood} Com		
0	Sample 1 burning time (s)	K. Company			
梅	Sample 2 burning time (s):				
F of Global Com	Sample 3 burning time (s):				
A.2	Flammability test for fire enclosures of movable ed exceeding 18 kg, and for material and component 4.7.3.2 and 4.7.3.4)		Article N		
A.2.1	Samples, material:	.0 10 1			
® Attes	Wall thickness (mm):				
A.2.2	Conditioning of samples	The part of the pa	F N		
A.2.3	Mounting of samples:	State Committee (State State S	N		
A.2.4	Test flame (see IEC 60695-11-4)	2C - NO	N		
Dal Cour.	Flame A, B or C:				
A.2.5	Test procedure	T Washington The Scormance	N.		
A.2.6	Compliance criteria	® ## and clother @ ## and clother	- CN		
IK K	Sample 1 burning time (s):	C - GO E			
The callon of Global	Sample 2 burning time (s):	imi			
Alle	Sample 3 burning time (s):	III TY TO THE TOTAL TO THE TANK THE TAN			
A.2.7	Alternative test acc. To IEC 60695-2-2, cl. 4 and 8	CC TO	N		
Compliano	Sample 1 burning time (s):				



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
THE STATE OF	Sample 2 burning time (s)	60 60	
Compile	Sample 3 burning time (s)		
A.3	Hot flaming oil test (see 4.6.2)		No molia
A.3.1	Mounting of samples	K Bandon K Bandon 0 \$	station of Glow
A.3.2	Test procedure	Second Se	N
A.3.3	Compliance criterion	- 60	N

В	ANNEX B, MOTOR TESTS UNDER ABNORMAL CONDITIONS (see 4.7.2.2 and 5.3.2)	C N
B.1	General requirements	N
aG ATTO	Position:	
G	Manufacturer:	T (000
	Type:	
I July	Rated values:	
B.2	Test conditions	N a
B.3	Maximum temperatures	N N
B.4	Running overload test	N N
B.5	Locked-rotor overload test	N
tation of Globa	Test duration (days):	
	Electric strength test: test voltage (V):	Elobal
B.6	Running overload test for d.c. motors in secondary circuits	CN m
B.6.1	General	N M
B.6.2	Test procedure	IN
B.6.3	Alternative test procedure	N 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 #
B.7.2	Alternative test procedure; test time (h):	N
B.7.3	Electric strength test	N
B.8	Test for motors with capacitors	N
B.9	Test for three-phase motors	The Company N
B.10	Test for series motors	on of GI
700	Operating voltage (V):	



	EN 60950-1	l	
Clause	Requirement – Test	Result – Remark	Verdict
C	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3	.3)	N
Combine	Position	No transformers	
(C) SEE	Manufacturer	7111	
3	Type:	T. E. Mariano	
~ 相	Rated values	Good Comments of the Comments	
F Global C	Method of protection:	- GO BIO	
C.1	Overload test		N
C.2	Insulation	The Committee of the Co	N
	Protection from displacement of windings:	® Management of the Management	N

D	ANNEX D, MEASURING INSTRUMENTS FO	R TOUCH-CURRENT TESTS (see 5.1.4)	N
D.1	Measuring instrument	A TOWN	N
D.2	Alternative measuring instrument	C The CO	N

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F	ANNEX F, MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES	N
不怕	(see 2.10)	

G	ANNEX G, ALTERNATIVE METHOD FOR DETE	RMINING MINIMUM CLEARANCES	N .
G.1	Clearances	© All Fried County	N Allest
G.1.1	General		N
G.1.2	Summary of the procedure for determining minimum clearances		N A THE
G.2	Determination of mains transient voltage (V):	K Common F King Common	testation of N
G.2.1	AC mains supply	Aller March	N
G.2.2	DC mains supply	1 G	N
G.2.3	Unearthed DC mains supply:	· · · · · · · · · · · · · · · · · · ·	N &
G.2.4	Battery operation:	The Comments of the Contract o	N Allestan
G.3	Determination of telecommunication network transient voltage (V):	CC X	N
G.4	Determination of required withstand voltage (V) .:		N
G.4.1	Mains transients and internal repetitive peaks:	III	N N
G.4.2	Transients from telecommunication networks:	C Francisco - C Francisco	N
G.4.3	Combination of transients	-C- NO	N
G.4.4	Transients from cable distribution systems	2.11	N. F.



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
G.5	Measurement of transient levels (V)	CO CO	N
Combine	a) Transients from a mains supply		N
(S) Alle	For an a.c. mains supply		Nonphano
3	For a d.c. mains supply	K Entered S. F. St. St. St. St. St. St. St. St. St. St	station of Glide
~ 根	b) Transients from a telecommunication network	Service CO	N
G.6	Determination of minimum clearances:	- 60	N

Н	ANNEX H, IONIZING RADIATION (see 4.3.13)	The Compliance	EM Compile	Nitestation
	- TIII)	25 man 21	The state of the s	

J	ANNEX J, TABLE OF ELECTROCHEMICAL POTENTIALS (see 2.6.5.6)		N
	Metal used:		

K	ANNEX K, THERMAL CONTROLS (see 1.5.3 and 5.3.7)		N
K.1	Making and breaking capacity	0	N
K.2	Thermostat reliability; operating voltage (V):	提 ill	N American
K.3	Thermostat endurance test; operating voltage (V):	The state of the s	N
K.4	Temperature limiter endurance; operating voltage (V):	NGO NO	N
K.5	Thermal cut-out reliability	T. T.	npliance N
K.6	Stability of operation	The comment of the state of the	N Allest

L ©	ANNEX L, NORMAL LOAD CONDITIONS FOR SOME TYPES OF ELECTRICAL BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.1)		P III
L.1	Typewriters	The state of the s	Estation of N
L.2	Adding machines and cash registers	Michael & Michael Com	N
L.3	Erasers	- 60	N
L.4	Pencil sharpeners		N
L.5	Duplicators and copy machines	The Company	N Attestation of
L.6	Motor-operated files	® ## defined of Good Control of State and Control of State and Control of Con	N
L.7	Other business equipment	J 400 F	Р

M	ANNEX M, CRITERIA FOR TELEPHONE RINGING SIGNALS (see 2.3.1)	N
M.1	Introduction	N
M.2	Method A	N
M.3	Method B	N. W



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
M.3.1	Ringing signal	CO CO	N
M.3.1.1	Frequency (Hz)		
M.3.1.2	Voltage (V)		
M.3.1.3	Cadence; time (s), voltage (V):	The things of th	
M.3.1.4	Single fault current (mA):	Government Co	
M.3.2	Tripping device and monitoring voltage:	- GO DO	N
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage	[1] [1] [1] [1] [1] [1] [1] [1] [1] [1]	N M
M.3.2.2	Tripping device	© ## Helpford Colons	N
M.3.2.3	Monitoring voltage (V):		N

N	ANNEX N, IMPULSE TEST GENERATORS (clause G.5)	see 2.10.3.4, 6.2.	2.1, 7.3.2 and	N N
N.1	ITU-T impulse test generators	200 AT	360	N
N.2	IEC 60065 impulse test generator		in:	N 🛒

P ANNEX P, NORMATIVE REFERENCES	Contraction © Management of the Contract of th
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Q A TOO ON	ANNEX Q, Voltage dependent resistors (VDRS)	(see 1.5.9.1)	, N
atte status	-Preferred climatic categories:	T.	ompliance N
	-Maximum continuous voltage:	(Schul Company) (Schul Company)	N
	-Combination pulse current:		N
® ##	Body of the VDR Test according to IEC60695-11-5		N III
3	Body of the VDR. Flammability class of material (min V-1)	The transfer of the transfer o	Testing of N

R	ANNEX R, EXAMPLES OF REQUIREMENTS FOR QUALITY CONTROL PROGRAMMES		
R.1	Minimum separation distances for unpopulated coated printed boards (see 2.10.6)	© Marting of County County (State of County County)	N
R.2	Reduced clearances (see 2.10.3)	O GO	N

S	ANNEX S, PROCEDURE FOR IMPULSE TESTING (see 6.2.2.3)	N
S.1	Test equipment	N
S.2	Test procedure	N
S.3	Examples of waveforms during impulse testing	N. W.



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1111	The state of the s	CO CO	60
(C) (S)	ANNEX T, GUIDANCE ON PROTECTION AGAIN (see 1.1.2)	NST INGRESS OF WATER	N
U TA	ANNEX U, INSULATED WINDING WIRES FOR UNSULATION (see 2.10.5.4)	JSE WITHOUT INTERLEAVED	N
Hestation of Gib	· * * * * * * * * * * * * * * * * * * *	100	
V	ANNEX V, AC POWER DISTRIBUTION SYSTEM	IS (see 1.6.1)	® N €
V.1	Introduction	(S)	N
V.2	TN power distribution systems	C Marie Co	N
-C		- in	TIII.
W	ANNEX W, SUMMATION OF TOUCH CURRENT	S	Combinant N
W.1	Touch current from electronic circuits	ord Samuel of Cloth Samuel Samuel of Cloth	N
W.1.2	Earthed circuits	20 ° 20	N
W.2	Interconnection of several equipments		N
W.2.1	Isolation	The transfer of the second	N
W.2.2	Common return, isolated from earth	The state of the s	N
W.2.3	Common return, connected to protective earth		N
The Global Co.	· * 3		Migs
X	ANNEX X, MAXIMUM HEATING EFFECT IN TRA	ANSFORMER TESTS (see clause	ompliance N
X.1	Determination of maximum input current	© Manufacture CO Attention	N
X.2	Overload test procedure		N
Alle Alle			不怕
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONIN	G TEST (see 4.3.13.3)	N
Y.1	Test apparatus ::	Salar Co	Ν
Y.2	Mounting of test samples:	-60	N
Y.3	Carbon-arc light-exposure apparatus:	111	N
Y.4	Xenon-arc light exposure apparatus:	T. T. Santara	N
	The state of the s	© Manufacture Company	3
Z	ANNEX Z, OVERVOLTAGE CATEGORIES(see2	.10.3.2 and Clause G.2)	N
Attestation of	CO TO LIVE	11/2	KEL Mance
AA	ANNEX AA, MANDREL TEST (see 2.10.5.8)	The transfer of the state of th	N
-cill	The state of the s	e G	70
BB	ANNEX BB, CHANGES IN THE SECOND EDITION	ON CO	



EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
СС	ANNEX CC, Evaluation of integrated circuit (IC) circuit limiters	N	
CC.1	General		N	
CC.2	Test program 1:		N	
CC.3	Test program 2:	K Barre K Barrer @ S	N	
CC.4	Test program 3:	Some Signature of Co	N	
CC.5	Compliance ::	-00	N	

DD	ANNEX DD, requirements for the mounting means of rack-mounted equipment		
DD.1	General	© Figure C	N
DD.2	Mechanical strength test, variable N:	, , , ,	N
DD.3	Mechanical strength test, 250N, including end stops:	五	N
DD.4	Compliance		N

EE ®	ANNEX EE, Household and home/office docum	ent/media shredders	Ν
EE.1	General	# The state of th	N
EE.2	Marking and instructions	E American	N
永 梅	Use of markings or symbols:	100	N
Hestation of Globo	Information of user instructions, maintenance and/or servicing instructions:		N
EE.3	Compliance	S Action Comments (S) Action of Comments	N
EE.4	Disconnection of power to hazardous moving parts:	C C	N
-C	Use of markings or symbols:		N
EE.5	Protection against hazardous moving parts	The Mariane The Mariane San	N
Tille-	Test with test finger (figure 2A)	None State of State o	N
Compliance	Test with wedge probe (figure EE1 and EE2):	- 60	N



Clause	Requirem	nent – Test			Res	sult – Remark	Verdict
. ∌ EN	60950-1:20	006/A11:2009/ <i>A</i>	A1:2010/A12:2	2011/A2:2013 – C	CENELEC CO	MMON MODIFICAT	IONS
al Compliance		subclauses, no 50-1 and it's a		d figures which a prefixed "Z"	are additional	to those	THE
Contents (A2:2013)	Annex ZE	3 (normative)	Normative refe corresponding Special nation	erences to intern European public nal conditions ELEC code desiç	cations		P
General		the —countryl to the followin		reference docum	ent (IEC 6095	0-1:2005)	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	ALIE SELECTION
	2.3.2.1	Note 2	2.3.4	Note 2	2.6.3.3	Note 2 & 3	Compilar
	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	大地
	4.7.3.1	Note 2	5.1.7.1	Note 3 & 4	5.3.7	Note 1	F Flor of Global Co.
	6	Note 2 & 5	6.1.2.1	Note 2	6.1.2.2	Note	Thestar
	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	- FILLS
	G.2.1	Note 2	Annex H	Note 2			npila (8)
General A1:2010)	according	g to the followin	g list:		nt (IEC 60950	-1:2005/A1:2010)	CP *
	1.5.7.1 N 6.2.2.1 N			.1 Note 2			15.
General A2:2013)	Delete all according 2.7.1 Not 6.2.2. No	the "country" r g to the followin e * 2.10.3.1 No te	g list: te 2	Note ference document with the following states and the fermion of the following states are not seen as a few seen and the few seen and the few seen are not seen as a few		-1:2005/A2:2013) ed.	P
.1.1 A1:2010)	Replace to NOTE 3 To multimedia	the text of NOT he requirements	E 3 by the foll of EN 60065 m IEC Guide 112		meet safety re	quirements for	G



EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
.3.Z1	Add the following subclause:	2.C	20	
	1.3.Z1 Exposure to excessive sound pressure		N	
	The apparatus shall be so designed and constructed as to present no danger when used for its intended purpose, either		子 K 拉 河	
	in normal operating conditions or under fault conditions, particularly providing protection against exposure to excessive sound pressures from headphones or earphones.	The state of a count company of the state of	Alle lation of	
	NOTE Z1 A new method of measurement is described in EN 50332-1, Sound system equipment:	711		
	Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement	olimice The Compliance	® Allestano	
	methodology and limit considerations - Part 1: General method for "one package equipment", and in EN 50332-2, Sound	2C	9	
	system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations -		* Julianco	
	Part 2: Guidelines to associate sets with headphones coming from different manufacturers.	Saltar of Cardina Computation (C. Saltar and C. Saltar and	G Country Country	
A12:2011)	In EN 60950-1:2006/A12:2011	3.0		
	Delete the addition of 1.3.Z1 / EN 60950-1:2006		N	
a C Alle	Delete the definition 1.2.3.Z1 / EN 60950-1:2006 /A1:2010	The Complaint	Global Con	
.5.1 Added info*)	Add the following NOTE: NOTE Z1 The use of certain substances in electrical and electronic equipment is restricted within the EU: see Directive 2002/95/EC.	C	N	
.7.2.1	New Directive 2011/65/11 * In addition, for a PORTABLE SOUND SYSTEM, the instructions	3 3K	ad Compliance	
A1:2010)	shall include a warning that excessive sound pressure from earphones and headphones can cause hearing loss.	CC Manufacture of the state of	N N	
.7.2.1	In EN 60950-1:2006/A12:2011			
A12.2011)	Delete NOTE Z1 and the addition for Portable Sound System. Add the following clause and annex to the existing standard and amendments.	The fill of the state of the st	The North County	
-7111	Zx Protection against excessive sound pressure from person	nal music players		
	Zx.1 General			
	This sub-clause specifies requirements for protection against excessive sound pressure from personal music players that are closely coupled to the ear. It also specifies requirements for earphones and headphones intended for use with personal music players.	And State of	N S	
	A personal music player is a portable equipment for personal use, that:	G ill	A THIN	
	 is designed to allow the user to listen to recorded or broadcast sound or video; and primarily uses headphones or earphones that can be worn in 	Ford Companies @ Manager	Clot Compilar	
	or on or around the ears; - allows the user to walk around while in use.	CC		



EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
al Compliance	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.	E TO THE	Attraction of Global Compliant	
	The requirements in this sub-clause are valid for music or video mode only.	Simple State of State		
	 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. - 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. For equipment which is clearly designed or intended for use by	Control of the state of the sta		
® 15th	young children, the limits of EN 71-1 apply.	NGO		
	 Zx.2 Equipment requirements No safety provision is required for equipment that complies with the following: 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. 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. 		N N N N N N N N N N N N N N N N N N N	



EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
O SE	All other equipment shall: a) protect the user from unintentional acoustic outputs exceeding those mentionedabove; and b) have a standard acoustic output level not exceeding those	NGC :	N N	
	mentioned above, andautomatically return to an output level not exceeding those mentioned above when the power is switched off; and	A The state of the	The support colors	
	 c) provide a means to actively inform the user of theincreased sound pressure when the equipment is operated with an 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 output exceeding those mentioned above. The acknowledgement does not need to be repeated more than		C American	
	once every 20 h of cumulative listening time; and NOTE 2 Examples of means include visual or audible signals. Action from the user is always required.	S T TE THE	K James Sandara	
	NOTE 3 The 20 h listening time is the accumulative listening time, independent how often and how long the personal music player has been switched off.		F.C.C	
	 d) have a warning as specified in Zx.3; and e) not exceed the following: 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 		S. F. T. K.	
	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 50332-2, while playing the fixed "programme simulation noise" described in EN 50332-1.			
	For music where the average sound pressure (long term LAeq,T) measured over the duration of the song is lower than 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 dBA.	NG NAME OF THE PARTY OF THE PAR	The state of the s	
	In this case T becomes the duration of the song. NOTE 4 Classical music typically has an average sound pressure (long term LAeq,T) which is much lower than the average programme simulation noise. Therefore, if the player is capable to analyse the song and compare it with the programme simulation	AGC	PC SEE	
	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 dBA.	CC FEET TO SE	CC	
	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 song is not above the basic limit of 85 dBA.	Fall Market	The state of the s	



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
	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:	NGC .	N N N N N N N N N N N N N N N N N N N
	"To prevent possible hearing damage, do not listen at high volume levels for long periods." Figure 1 – Warning label (IEC 60417-6044)		
GC *	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.		To a second second
	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).	C Marie Mari	N A THE STATE OF T
	NOTE The values of 94 dBA – 75 mV correspond with 85dBA – 27 mV and 100 dBA – 150 mV.	Amulanos Fig.	A Compliance
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.	AGC Manus	GN 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.).	Manager of Court	AC
	NOTE An example of a wired listening device with digital input is a USB headphone.	Impliance (Compliance)	C ATTROUBLE



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 output LAeq,T of the listening device shall be ≤ 100 dBA. 	A The state of the	N N N N N N N N N N N N N N N N N N N
	NOTE An example of a wireless listening device is a Bluetooth headphone.	GO D	igil)
	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 second company of the second seco	N
Cornon.	NOTE Test method for wireless equipment provided without listening device should be defined.	报 测	不管
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	C Marine Marine	The state of Case
	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 included as parts of the equipment;		SC F
GC	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;	The state of the s	F. January de Company
	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.		N S
	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 shall be regarded as providing protection in accordance with the rating of the wall socket outlet.	GO . T.	K. M. All
2.7.2	This subclause has been declared 'void'.	September Of Authorities and A	N
3.2.3	Delete the NOTE in Table 3A, and delete also in this table the conduit sizes in parentheses.		N



	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".	P.C.	SO THE
	In Table 3B, replace the first four lines by the following:	100	TK ASSompliant
	Up to and including 6 0,75 a)	The Compliance 8 \$	alion of Gib
	Over 6 up to and including 10 (0,75) b) 1,0	The station of Glow	N
	Over 10 up to and including 16 (1,0) c) 1,5	Atte	
	In the conditions applicable to Table 3B delete the words "in some countries" in condition ^{a)} .		4.3
	In NOTE 1, applicable to Table 3B, delete the second sentence.	diagram (S. M. Francisco Completion)	Affectation of
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:	To the state of th	Zonotanes NI
	Over 10 up to and including 16 1,5 to 2,5 1,5 to 4	For chobal Con	obo IN
lin.	Delete the fifth line: conductor sizes for 13 to 16 A	and and an area of the second	
4.3.13.6	Replace the existing NOTE by the following:		
(A1:2010)	NOTE Z1 Attention is drawn to:		~ 被引
	1999/519/EC: Council Recommendation on the limitation of exposure of the general public to electromagnetic fields 0 Hz to 300 GHz, and	C Manufacture Company	N N
	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).		# 1M
N	Standards taking into account mentioned Recommendation and Directive which demonstrate compliance with the applicable EU Directive are indicated in the OJEC.	Emiliar Co	S N
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.	To the state of th	N _
	Replace the notes as follows:	Autosiation of	
	NOTE These values appear in Directive 96/29/Euratom.		
Hobal	Delete NOTE 2.	TIME:	
Bibliography	Additional EN standards.	The transfer of the transfer o	®

ZA	NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR	
Global Global	CORRESPONDING EUROPEAN PUBLICATIONS	_

		EN 60950-1	MA 1.09	(t
Clause	Requirement – Test		Result – Remark	Verdict
ZB ANNEX (normative)SPECIAL NATIONAL CONDITIONS (EN)			:111)	



EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
AST TIME	ZB ANNEX (normative)SPECIAL NATIONAL COND	OITIONS (EN)	60	
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 THE TOTAL COMPANY	
1.2.13.14	In Norway and Sweden , for requirements see 1.7.2.1 and 7.3 of this annex.	Find a Copy of Courts Courts	N 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.	III	N N	
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).		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.		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. The marking text in the applicable countries shall be as follows:	C Manufacture of the state of t	N The transfer of Contract of	
	In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt"	CC Manufacture	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 Marian a democratic and the second	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. The user manual shall then have the following or similar	CC The Part of the	CC ***	
	information in Norwegian and Swedish language respectively, depending on in what country the equipment is intended to be used in:	The state of the s	K James James Company	
	The state of the s			



EN 60950-1								
Clause	Requirement – Test	Result – Remark	Verdict					
FET MOSO	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	60					
	"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 A A A A A A A A A A A A A A A A A A	N N N N N N N N N N N N N N N N N N N					
	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.	GC Francisco	CC					
	Translation to Norwegian (the Swedish text will also be accepted in Norway):	不 拉 测	K Compliance					
	"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."	PCC THE THE	NG WAR					
	Translation to Swedish:	The delabation of	3 Figure of Global C					
The state of Contract of Contr	"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."		The state of the s					
I.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."		GCN Extra de la company					
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.		GC N					

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EN 60950-1							
Clause	Requirement – Test	Result – Remark	Verdict				
TILL THE	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	GU				
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 N				
2.2.4	In Norway , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	For at Choles Compliance @ Frederich	N 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 III	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.	® Manufacture Company	S A 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.	AGC Market	N 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.	THE THE CO	N				

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EN 60950-1							
Clause	Requirement – Test	Result – Remark	Verdict				
TILL STATE	ZB ANNEX (normative)SPECIAL NATIONAL CONI	DITIONS (EN)	30				
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:	The state of the s	N I				
	SEV 6532-2.1991 Plug Type 15 3P+N+PE 250/400 V, 10 A	allestation of					
	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		GC F				
	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 Manual Control of the Control of	ET John Diance				
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.	PCC #	N				
	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.	C Market of the Second	© The different of Country Co.				
The station of Co.	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 Heavy Current Regulations, Section 107-2-D1 or EN 60309-2.						
3.2.1.1	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.		N 1/2 Complete				
	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.	Find the second	A Paragraphic Communication of the Communication of				
	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.	The state of the s	CO				
	If poly-phase equipment is provided with a supply cord with a plug, this plug shall be in accordance with UNE-EN 60309-2.	GO I	imi.				

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EN 60950-1						
Clause	Requirement – Test	Result – Remark	Verdict			
松	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.	A The state of the	N M			
	NOTE 'Standard plug' is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug.	AND THE STATE OF T	® Allestrich			
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.	GG interest of the state of the	N A A A A A A A A A A A A A A A A A A A			
3.2.4	In Switzerland , for requirements see 3.2.1.1 of this annex.	10	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.	Some Find Contractor	N			
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			
Attestation 5	• 1,25 mm² to 1,5 mm² nominal cross-sectional area.		A Juga			
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	AGC Management	N S			
4.3.6	clauses 22.2 and 23 also apply. 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
ALL THE	ZB ANNEX (normative)SPECIAL NATIONAL CONI	DITIONS (EN)	GU
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 M
	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.		GC ***
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:	The state of the s	N Statute Samuel N
	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	AG THE	The state of the s
	-one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.	C Marketing CC	The stollo
	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		

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EN 60950-1							
Clause	Requirement – Test	Result – Remark	Verdict				
#5 FM	ZB ANNEX (normative)SPECIAL NATIONAL COND	DITIONS (EN)	GU				
CC #	-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 TOWN THE PARTY OF THE PAR	N N				
	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.	AND THE THE	© ## Station of				
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	(8) Allestation of Color	Q ^O				
	-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;	Se Tale of the	A James Comment				
	-the additional testing shall be performed on all the test specimens as described in EN 60384-14:	GC man	P.G.				
	-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.	五 玩 · 拉 · · · · · · · · · · · · · · · · ·	The				
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 installation of that conductor by a SERVICE PERSON.		N				
7.2	In Finland, Norway and Sweden, for requirements see		N ₃				
	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.	The state of the s	Station of Clobal Comme				
7.3	In Norway and Sweden , for requirements see 1.2.13.14 and 1.7.2.1 of this annex.	Augustus BC	N				
7.3	In Norway , for installation conditions see EN 60728-11:2005.	line line	N				

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1.5.1 TA	ABLE: list of critical compone	nts		mplian.	mpliance 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):			A Marco	X KE Milence	® A John of G

1.6.2	TABLE: e	electrical data (i	n normal co	nditions)		GO N	Р	
U (V)	I (A)	Irated (A)	P (W)	Fuse #	Ifuse (A)	Condition/status		
5	1.35	2	6.75		lili:	Maximum normal load.		

2.1.1.5c)1)	TABLE: r	max. V, A, VA test		杨	N to
Voltage (rate	d) (V)	Current (rated) (A)	Voltage (max.) (V)	Current (max.) (A)	VA (max.) (VA)
W-7	uce 1	The Market 8 Market	d Clobal (Co.	60 0	ì
Note(s):	(S) \$50.000	nition of Global	CO B		THE STATE OF THE S

2.1.1.5c)2)	TABLE: stored energy	7111	II Slobal Compliance	® # Thomas Comm	® Allestation of Control	N Allestatio
Capacitance	e C (μF)		Voltage U (V)		Ener	gy E (J)
- O Allest	Allestation		_			THE THE
Note(s):	100		ail	10 M	Hampitance ® #	Janor of Global Co

den .	- Au	Managha.	3. 1/2 " Co.,		(R) Alexander	The station		
2.2	TABLE: ev	aluation of v	oltage limiti	ng compo	onents in SELV cire	cuits		N
Component (measured between)		max. voltage (V) (normal operation)			age Limiting			
Componen	nponent (measured between)			Vpeak	ak Vd.c.		mponents	
	III.	纸梅	mpliance	T Kill Compil	no Allestation of Ch	- Jules allon		5
Fault test p	Fault test performed on voltage limiting components			ents	Voltage measured (V) in SELV circuits (V peak or V d			ak or V d.c.)
Altestation	10°		Go.			10 mm	私	Compliance 1920
Note(s):			-FILL) 	在 in	E A Strong Com	Tetation of Glo	

2.5 TABLE: limited power source measurement	- TIII	N A
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Measured Uoc (V) with all load circuits		Isc (A)	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		Find Chola Co.	GO"	30 - ·	GU	
Note(s):	F Global Company	CG AMOS A.G.	Allesta			in the second

2.10.2	TABLE: Working vo	oltage measurement	T. T. Completo	© The state of the
Location		RMS voltage (V)	Peak voltage (V)	Comments
® Figure 1 and 1 a	C- A Global	"CO CO	70-	
Note(s):	C *		超 测	TA PERMITTE SE SE SE MAN CONTRACTOR DE LA CONTRACTOR DE L

2.10.3 and 2.10.4	TABLE: clearance and creepage distance measurements						
Clearance cl distance dcr	and creepage at/of:	U p (V)	U r.m.s. (V)	Required cl (mm)	cl (mm)	Required dcr (mm)	dcr (mm)
	- cill	EK Kampan	T	Compliance @	The station of Glob	(B) Alestation o	100
Note(s):	The Compliance	® Marian of Cloban	® Attestation of Go	100			

2.10.5	TABLE: distance through insulation	measurements	校 in	For Global Company (8)	No N
Distance thr	ough insulation di at/of:	U r.m.s. (V)	Test voltage (V)	Required di (mm)	di (mm)
Note(s):		· 利	To Paragraphic Transport	写 玩。	Complian (S. Es. S)

4.3.8	TABLE: Batteries	All statutes SGO	N
The tests not availa	of 4.3.8 are applicable only when appropriate battery data is able		N 3 Ambaros
Is it possi	ible to install the battery in a reverse polarity position?	The first of the state of the s	N N

TIME SAME	Non-red	chargeable l	batteries		F	Rechargeable batteries			
The Accompliant	Discharging		Uninten-	Cha	rging	Discharging		Reverse Charging	
, Fac	Meas. Current	Manuf. Specs.	tional charging	Meas. Current	Manuf. Specs.	Meas. Current	Manuf.S pecs.	Meas. Current	Manuf. Specs.
Max. current during normal condition	<u></u>	The total Company of C	C-AMP AND A	K dopal Compilance	3C-	NO C	Alfestation	C	
Max. current during fault condition	G		五 · · · · · · · · · · · · · · · · · · ·		A Companos	© Marie allo di Cir	of Countries	The state of the s	GC C
Test results:	The Compliance	® ##	ition of Globa	® Allestation of G	\G		O		Verdict
- Chemical leak	S of Globa	aG "	.0				J.	III.	N核

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- Explosion of the battery	- K 10000000 K 10000	N
- Emission of flame or expulsion of molten metal	© Allegation of Golden	Nutrestation
- Electric strength tests of equipment after completion of tests	3/2 (00)	N
Note(s):		福河

4.3.8	TABLE: Batteries	The Compliant	The Milliance	The Global Compiles	N Samuel N
Battery c	ategory		in the station of Control of Cont	Affestation C	
Manufact	turer		100		
Type/mod	del	:	1. 检	All The	Ompliance ©
Voltage,	Capacity		® ## Janon of Global Co	(S) Attestation of Glov.	CO.
Circuit pr	otection diagram		-10 "	GO	
-60	CO - C			利	T Kingson (s)
MARKIN	GS AND INSTRUCTIONS (1.7	7.13)	1000	The Complete	E Ford Clobal Con.
Location	of replaceable battery	The Management of the State of	bal Comp.	estation .	Attest
Language	e(s)		100	30	TILL IN
Close to	the battery	:		不懂	Juliance Transferred
In the ser	rvicing instructions	:	The Compliance	@ # Jalion of Global	® Allestation of Co.
In the op	erating instructions	: @	The Lation of Cloud	C	30
Note(s):	Al Company	S Alles			

4.5	TABLE: maximum	temperature	S					Po se
	Test voltage (V)	- K	ei 🥳	a) DC5V; I	b)		C Allesto	
mavimum t	tomporature T of part	/ot:			T (°	°C)		allowed Tmax
maximum temperature T of part/at:				a)			b)	(°C)
PCB near l	U1		L FILL	85.5	Semplance Man	不	pliance	130
PCB near Q5				82.1	(8)	Amestation of GO		130
Coil	(8) State station of Glob	(B) Affectation of	~ C	76.4	CO			105
Enclosure	inside near coil			64.2	2	- Alli	点视	80
Enclosure	outside near coil		ad	58.7	不下。	ompliano (R)	Fin of Global Control	95
Ambient				40.0	Attestation of		<u>de</u> stan	<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
	-0					THE COM	lance	The Compile

16 CO	The spile of the s	
4.5.5	TABLE: ball pressure test of thermoplastic parts	N

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Station of Global	allowed impi	ression diameter	(mm):		The Compliance	The H	
Part				Test te	mperature(°C)		ion diameter (mm)
The Compliant	The Compliance	Allestation	(S) Allestation o		- 10		lin-
Note(s):	station of Gu	0	Go all		Altr:		The Compliance

4.7	TABLE	E: Resistance to fire	Fod Godal Com	(8) Estation of G	and the second s	Р
Pa	rt	Manufacturer of material	Type of material	Thickness (mm)	Flammability class	Evidence
<u> </u>	C ATT	-		7	KI JIII	F
Note(s):		100	ALL SALES	F. Global Compile	The state of Global Cu	Allesta

5.1	TABLE: touch c	urrent measuremen	it C		i	_M N
Measured b	oetween:		Measured(mA)	Limit(mA)	Commer	nts/conditions
		The spinors	The Compliance	© Francisco Carlotte	Attestation of O.	60
Note(s):	王K 校 利用	® # John Clobal Co	© Stephon of Guov	30	30	

5.2	TABLE: electric strength tests and impulse tests	海河 一手手	Cholad Company	
Test voltage applied between:		Test voltage (V)	Breakdown	
工 抚 横	Thursday - C Manager - C Manager			
Note(s):	C ****	itit	The same	

5.3	TABLE: fault condition tests						P
(R) ###	am	bient temperature	(°C)	24.0-24.7			
CG M	rate	ed markings of pow	er supply		The tomo		
Component no.		Fault	Test voltage (V)	Test time	Fuse no.	Result	
C1	C1 S-C		Aller Milor of Color	10min	<u> C</u>	Unit shut down, recoverable, no damage, no hazards.	
Q5 Pin 6-7, S-C		5	10min		Unit shut down, recoverable, no damage, no hazards.		
Q2		Pin 1-5, S-C	5 .	10min	® ## ## A	Normal operationg, no damage, no hazards.	
U1	Compliant	Pin 2-4, S-C	5	10min	<u>, </u>	Unit shut down, recovera damage, no hazards.	ble, no
Charing output		O-L	5	2h53min	TIM	Max. overload at 6.0 W, no damage, no hazard. Coil: 66.5°C, Ambient: 24.3°C.	
Coil S-C		5	10min	-GC	Unit shut down, recoverable, no damage, no hazards.		

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Note: --

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AttachmentA Photos of product



Fig.1-over view



Fig.2 -over view

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@ 400 089 2118



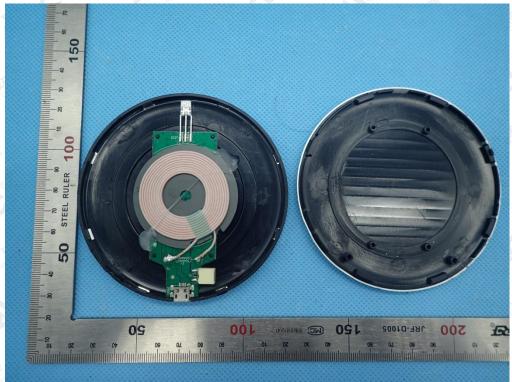


Fig.3-internal view



Fig.4-internal view

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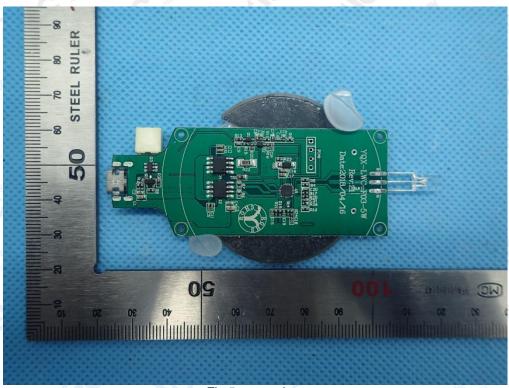


Fig.5 – part view

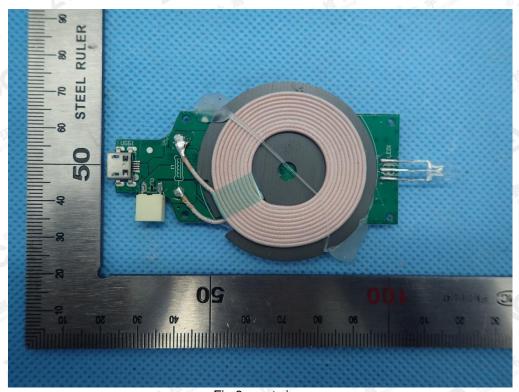


Fig.6- part view

END OF REPORT

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