

Safety Test Report

Report No.: AGC04094181004ES01

PRODUCT DESIGNATION: Cathy Anti-harassment Bag Charm

BRAND NAME : N/A

MODEL NAME : P330.73

CLIENT : Xindao B.V.

DATE OF ISSUE: Dec.17, 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...... AGC04094181004ES01

Tested by (+ signature) Grind Mao

Grind Mass
Byron Wang
mette He

Reviewed by (+ signature) Byron Wang

Matte He Approved by (+signature):

(Authorized Officer)

Date of issue Dec.17, 2018

Contents...... Total 52 pages.

Testing laboratory

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

1-2/F, Building 19, Junfeng Industrial Park, Chongqing Road, Heping

Community, Fuhai Street, Bao 'an District, Shenzhen, Guangdong, China

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

Applicant

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

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

Manufacturer

Name....: Xindao B.V.

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

Factory

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

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

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...... AGC60950A9

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F. Global	
Test Report Form(s) Originator AC	GC The state of th
Master TRF Da	ated 2018-09
Test item	
Product designation Ca	athy Anti-harassment Bag Charm
Brand name: N/	
Test model P3	330.73
Series model N/	A COMMENT
Rating(s) 5.0	0V === , 0.5A (Supplied by USB port)
Particulars	
Equipment mobility	. ⊠movable ☐ hand-held ⊠transportable ☐ stationary ☐ for building-in ☐ direct plug-in
Connection to the mains	☐ stationary ☐ for building-in ☐ direct plug-in ☐ pluggable equipment ☐ type A ☐ type B
Connection to the management	permanent connection
"On "On "On.	☐detachable power supply cord☐non-detachable power supply cord
	☐non-detacnable power supply cord ☐not directly connected to the mains
Operating condition	continuous
Complete Attestant	☐rated operating/ resting time:
Access location	
Over voltage category(OVC)	A The color of the
Mains supply tolerance(%) or absolute ma	ains supply
values	N/A
Tested for IT power systems	: □Yes ⊠No
IT testing, phase-phase voltage(V)	
Class of Equipment	. □Class I □Class II □Class III □not classified
Considered current rating of protective do of the building installation (A)	IVA
Pollution degree(PD)	: □PD 1 □PD3
Protection against ingress of water	: IPX0
Altitude during operation (m)	: 2000m
Altitude of test laboratory (m)	: <500m
Mass of equipment (kg)	Less 1kg
Test case verdicts	CC CC
Test case does not apply to the test objec	et: N (/A)
Test item does meet the requirement	P (ass)
Test item does not meet the requirement.	F (ail)
Testing	To the second se
Date of receipt of test item	: Oct.24, 2018

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Attachment

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:	3		
Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	1 / J	Dec.17, 2018	Valid	Initial release

General product information

The product supplied by internal lithium battery, and charged from USB port, which is considered as moveable and Class III (supplied by 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

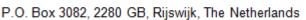
The test item passed.

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.

Cathy Anti-harassment Bag Charm

Model: P330.73 Xindao B.V.



Importer: XXXXXXXX Address: XXXXXXXX

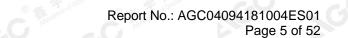
Remark:

- 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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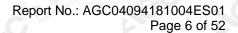




	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
ompliance	IX Company		
1 ® 55 state	GENERAL		P
	也	· 电型 《 10 · 10 · 10 · 10 · 10 · 10 · 10 · 10	on of Global
1.5	Components	A Standard Colonial CO	Р
1.5.1	General	CO "	Р
NG	Comply with IEC 60950 or relevant component standard	Components which 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 C
1.5.3	Thermal controls	No any thermal controls.	N N
1.5.4	Transformers	No transformers.	N
1.5.5	Interconnecting cables	Cable to other unit is carrying only SELV voltages on and energy level below 240VA	P
1.5.6	Capacitors bridging insulation	No such capacitor.	N
1.5.7	Resistors bridging insulation	No such components.	N
1.5.7.1	Resistors bridging functional, basic or supplementary insulation		N :
1.5.7.2	Resistors bridging double or reinforced insulation between a.c. mains and other circuits	The state of the s	in of Control
1.5.7.3	Resistors bridging double or reinforced insulation between a.c. mains antenna or coaxial cable	CC SC	N
1.5.8	Components in equipment for IT power systems	10000000000000000000000000000000000000	N
1.5.9	Surge suppressors	No such parts.	N
1.5.9.1	General	· C in SC	N
1.5.9.2	Protection of VDRs	100	N
1.5.9.3	Bridging of functional insulation by a VDR		I Tilliance N
1.5.9.4	Bridging of basic insulation by a VDR	A STATE OF THE STA	N
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR	CC CC	N

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
1.6	Power interface	GO GO	P		
1.6.1	AC power distribution systems	No direct mains connection.	N sal		
1.6.2	Input current	(See appended table 1.6.2)	The Portugues		
1.6.3	Voltage limit of hand-held equipment	The state of the s	on of Con N		
1.6.4	Neutral conductor	Class III equipment, no neutral conductor.	N		

1.7	Marking and instructions	The Manual	® Paragration
1.7.1	Power rating	See below	U P
® ##	Rated voltage(s) or voltage range(s) (V)		
EG Alles	Symbol for nature of supply, for d.c. only:		
	Rated frequency or rated frequency range (Hz):		
	Rated current (mA or A)		
1.7.1.2	Identification markings	60 100	Р
(S) (M)	Manufacturer's name or trademark or identification mark	See marking plate.	
0	Type/model or type reference	See marking plate.	
松平	Symbol for Class II equipment only:	Class III equipment	
F of Global Cons	Other marking and symbols:	See marking plate.	
1.7.1.3	Use of graphical symbols	· · · · · · · · · · · · · · · · · · ·	P P
1.7.2	Safety instructions and marking	Provided	P
1.7.2.1	General	See below.	Р
1.7.2.2	Disconnect devices	No such devices	N a
1.7.2.3	Overcurrent protective device	111	The Normalia
1.7.2.4	IT power distribution systems	K Complete The Complete Comple	N N
1.7.2.5	Operator access with a tool	C Albertalorio CO	N
1.7.2.6	Ozone	CO F	N
1.7.3	Short duty cycles	Equipment is designed for continuous operation.	N ® ##
1.7.4	Supply voltage adjustment	No such devices used	N
新 第 第 第 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Methods and means of adjustment; reference to installation instructions:	, SGO	N
1.7.5	Power outlets on the equipment	The Manual And The Ma	ompliant. N
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference)		N
1.7.7	Wiring terminals	100	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 jiji		
1.7.7.3	Terminals for d.c. mains supply conductors	E TA BERNERO	on of Classin		
1.7.8	Controls and indicators	and Cool (S. All Million Cool Prince)	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		N		
1.7.8.4	Markings using figures	Not applicable.	N		
1.7.9	Isolation of multiple power sources	No direct connection to mains supply	indiance N		
1.7.10	Thermostats and other regulating devices	No thermostats or other regulating devices used inside battery pack are not adjustable during normal use.	Z		
1.7.11	Durability	The marking withstands required tests.	PHE		
1.7.12	Removable parts	No such parts.	station of N		
1.7.13	Replaceable batteries	Non-replaceable battery	N		
F Global Compilar	Language(s)				
1.7.14	Equipment for restricted access locations:	测工程	Marce N		

2	PROTECTION FROM HAZARDS	CO Marine CO Marine	P
2.1	Protection from electric shock and energy hazards	No hazardous parts in operator access areas.	P. III
2.1.1	Protection in operator access areas	The state of the s	ion of Glope
2.1.1.1	Access to energized parts	No energized parts.	Р
His wollance	Test by inspection:	40 °	
3al Co	Test with test finger(Figure 2A):	700	
10	Test with test pin (Figure 2B):	The State of the S	
	Test with test probe (Figure 2C)	S A Julius d'Calaba	
2.1.1.2	Battery compartments:	, , CO D	N
2.1.1.3	Access to ELV wiring	:100	₩ N
100	Working voltage (Vpeak or Vrms); minimum distance (mm) through insulation	S SE THE STATE OF SECOND SECON	
2.1.1.4	Access to hazardous voltage circuit wiring	CO GO	N
3 (20°)			

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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.	Р
2.1.1.6	Manual controls		N
2.1.1.7	Discharge of capacitors in equipment	No primary circuit.	on of Globa N
ALSI.	Time-constant (s); measured voltage (V)	San Com	
2.1.1.8	Energy hazards – d.c. mains supply	Not directly connect to mains supply	N
Allestation	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	· 10 10 10 10 10 10 10 10 10 10 10 10 10	mpliance N

2.2	SELV circuits	20° 20°	Р
2.2.1	General requirements	42.4V peak or 60VDC are not exceeded in SELV circuit under normal operation or single fault condition.	P W W
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:	· · · · · · · · · · · · · · · · · · ·	iance N

2.3	TNV circuits	E Francisco	N
2.3.1	Limits	No TNV circuits.	N 👊
-C Alle	Type of TNV circuits:		J.N.
2.3.2	Separation from other circuits and from accessible parts	And the same of th	altor of N
2.3.2.1	General requirements	20	N
2.3.2.2	Protection by basic insulation		N
2.3.2.3	Protection by earthing	The Company of the Company	® N Attestation
2.3.2.4	Protection by other constructions:	D Francisco C	N
2.3.3	Separation from hazardous voltages	1 100	N
The station of Gio	Insulation employed:		₹ N
2.3.4	Connection of TNV circuits to other circuits	The formation of the state of t	N
a di	Insulation employed:	C Attention of Attention	N
2.3.5	Test for operating voltages generated externally	100	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)	dual Committee	N
The state of	Measured current (mA)	-C ************************************	N
intestation of C.	Measured voltage (V)	No P	N
~ C	Measured capacitance (nF or μF)	· · · · · · · · · · · · · · · · · · ·	6 N 🕏
2.4.3	Connection of limited current circuits to other circuits	A A A A A A A A A A A A A A A A A A A	O _N

2.5	Limited power sources	10000000000000000000000000000000000000	Mariance N
	a)Inherently limited output	© A June Com	N.
illi:	b)Impedance limited output	-6	N
mpliance ®	c)Regulating network limited output under normal operating and single fault condition	C A M	N
60	d)Overcurrent protective device limited output	The state of the s	N N
極	Max. output voltage (V), max. output current (A), max. apparent power (VA)	CC CC	
For of Global Co.	Current rating of overcurrent protective device (A)	E. C.	N N
esta	Use of integrated circuit (IC) current limited	· · · · · · · · · · · · · · · · · · ·	n N

2.6	Provisions for earthing and bonding		N
2.6.1	Protective earthing	Class III equipment.	N 🧌
2.6.2	Functional earthing	111	I The Normania
	Use of symbol for functional earthing	The Company of Francisco	N N
2.6.3	Protective earthing and protective bonding conductors	CC PC	N
2.6.3.1	General		N a
2.6.3.2	Size of protective earthing conductors	The Company	N Marketon
不够	Rated current (A), cross-sectional area (mm2), AWG	CC TO SC	N
2.6.3.3	Size of protective bonding conductors		₩ N
Alle	Rated current (A), cross-sectional area (mm2), AWG	O THE TANK CONTRACTOR OF THE TANK	Ortrollos N
2.6.3.4	Resistance of earthing conductors and their terminations, resistance(Ω), voltage drop(V),test current (A), duration(min)	CC SCC	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 🚽
2.6.4.1	General	- 10	Th N
2.6.4.2	Protective earthing and bonding terminals	B. Committee Com	on of Grand
· 学 Kobal con	Rated current (A), type and nominal thread diameter (mm)	CC PO	N
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors		N
2.6.5	Integrity of protective earthing	S SE MINISTER COMMENT	N
2.6.5.1	Interconnection of equipment	CC III	N
2.6.5.2	Components in protective earthing conductors and protective bonding conductors		M N
2.6.5.3	Disconnection of protective earth	a Standard (Color)	N_
2.6.5.4	Parts that can be removed by an operator	C. S. C. C.	N
2.6.5.5	Parts removed during servicing	0 10	N
2.6.5.6	Corrosion resistance	The state of the s	N.
2.6.5.7	Screws for protective bonding	The state of the s	N N
2.6.5.8	Reliance on telecommunication network or cable distribution system	CC TO	N

2.7	Overcurrent and earth fault protection in primary circuits		N
2.7.1	Basic requirements	No primary circuits.	N Allest
© ##	Instructions when protection relies on building installation	S. S. S.	N
2.7.2	Faults not covered in 5.3.7		N
2.7.3	Short-circuit backup protection	K School The The Comment of the	N
2.7.4	Number and location of protective devices:	C State and C	N
2.7.5	Protection by several devices	-CO	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	超調	ST STATE OF N
2.8.3	Inadvertent reactivation	S S S S S S S S S S S S S S S S S S S	N
2.8.4	Fail-safe operation	-C = CO	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 - 1	N	
2.8.6	Overriding		N sal	
2.8.7	Switches and relays	liji.	J. N	
2.8.7.1	Contact gaps (mm)	Transfer Transfer Company	on of Com	
2.8.7.2	Overload test	See State of the Second	N	
2.8.7.3	Endurance test	GO	N	
2.8.7.4	Electric strength test	1111	N /	
2.8.8	Mechanical actuators	The state of the s	N	

2.9	Electrical insulation	, , , , ,	P
2.9.1	Properties of insulating materials		Р
2.9.2	Humidity conditioning	a State Country (8) State State of Country	N.
litre	Humidity (%),temperature (°C)	C. Marie C. C. C.	
2.9.3	Grade of insulation	Functional insulation.	Р
2.9.4	Separation from hazardous voltages	THE THE	N A
GU	Method(s) used:	The state of the s	

2.10	Clearances, creepage distances and distances	through insulation	N
2.10.1	General	Only SELV circuits inside the EUT. Functional insulation evaluated in accordance with clause 5.3.4. c).	N ®
	Frequency:	® Francisco	N
0 4	Pollution degrees:		N
Altesta	Reduced values for functional insulation		N. N.
	Intervening unconnected conductive parts	水	ation of Giodo
litze	Insulation with varying dimensions	Separate Sep	N
Kinpliance The Compliance	Special separation requirements	00	N
Dai 1	Insulation in circuits generating starting pulses		N
2.10.2	Determination of working voltage	T. Common	N Marketali
2.10.3	Clearances	D Manager C	N
2.10.3.1	General	, GO	N
2.10.3.2	Mains transient voltages		N
	a)AC mains supply	The transfer of the state of th	N
~11	b)Earthed d.c. mains supplies	C 3 - C	N
Ampliance - His	c)Unearthed d.c. main supplies	100 100 100 I	N

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<u> </u>	EN 60950-1	I	
Clause	Requirement – Test	Result – Remark	Verdict
This area	d)Battery operation:	60 60	N
2.10.3.3	Clearances in primary circuits		N
2.10.3.4	Clearances in secondary circuits	Life has been pro-	N
2.10.3.5	Clearances in circuits having starting pulses	The state of the s	on N
2.10.3.6	Transients from a.c. mains supply:	© Milliotulion of Co	N
2.10.3.7	Transients from d.c. mains supply:	CO Pro	Ν
2.10.3.8	Transients from telecommunication networks and cable distribution systems:	不是 那	N A
2.10.3.9	Measurement of transient voltage levels	A Transfer Co	N
8 5	a)Transients from a mains supply	- GO - A	Ν
-C 3/110-51	For a.c. mains supply:	<i>iiii</i>	₩ N
	For d.c. mains supply:	N Transferred Transferred	N
	b)Transients from	© American de la Amer	N
2.10.4	Creepage distances	60	Ν
2.10.4.1	General		N
2.10.4.2	Material group and comparative tracking index	The second secon	F N
	CTI tests	The second secon	Ν
2.10.4.3	Minimum creepage distances		Ν
2.10.5	Solid insulation		M N
2.10.5.1	General	The Third of Third of The Third of Third of The Third of Third of The Third of The Third of The Third of The Third of Th	N
2.10.5.2	Distances through insulation	(8) All and dictable (1)	N
2.10.5.3	Insulation compound as solid insulation		N
2.10.5.4	Semiconductor device		N
2.10.5.5	Cemented joints	A 111	N
2.10.5.6	Thin sheet material - General	And company of the state of the	N
2.10.5.7	Separable thin sheet material	20 juli	N
pal Comm.	Number or layers(pcs)	30	N
2.10.5.8	Non-separable thin sheet material	报测 TK Manufactor	o N
2.10.5.9	Thin sheet material – standard test procedure	O Marine Committee of the Committee of t	N
工柜	Electric strength test	20	N
2.10.5.10	Thin sheet material – alternative test procedure	and a	: N
Allesa	Electric strength test	五 玩 整	ompilanus N
2.10.5.11	Insulation in wound components	S S S S S S S S S S S S S S S S S S S	N
2.10.5.12	Wire in wound components	60 -60	N
Combination	Working voltage:	lin-	N .

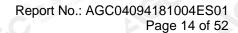
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Clause	Requirement – Test	Result – Remark	Verdict
- Clause	a)Basic insulation not under stress:	Result Remain	N
Countraines	b)Basic, supplementary, reinforced insulation:	10° 10° 11'	N
© Water statu	c)Compliance with Annex U		N N
C AMU	Two wires in contact inside wound component;		N
	angle between 45° and 90°	and committee of the state of t	~ C
2.10.5.13	Wire with solvent-based enamel in wound components	CC - FO	N
~ 6	Electric strength test	· · · · · · · · · · · · · · · · · · ·	ο N
	Rountine test	Count Com	N
2.10.5.14	Additional insulation in wound components	SC III	N
Allesti	Working voltage		_M N
	-basic insulation not under stress	不是, 一下	M
	-Supplementary, reinforced insulation	® # John of Columbia	N
2.10.6	Construction of printed boards	60 00	N
2.10.6.1	Uncoated printed boards		N
2.10.6.2	Coated printed boards	The things are the second and the second are the se	, N
2.10.6.3	Insulation between conductors on the same inner surface of a printed board	The state of the s	estation of N
2.10.6.4	Insulation between conductors on different layers of a printed board		N
	Distance through insulation	The state of the s	N
	Number of insulation layers(pcs)	© Mile and discharge	N
2.10.7	Component external terminations		N
2.10.8	Tests on coated printed boards and coated components		N ₃
2.10.8.1	Sample preparation and preliminary inspection	E The Company of the	N
2.10.8.2	Thermal conditioning		N
2.10.8.3	Electric strength test	GO	N
2.10.8.4	Abrasion resistance test		N 4
2.10.9	Thermal cycling	The Committee of the State of t	N
2.10.10	Test for Pollution Degree 1 environment and insulating compound	CC TO	N
2.10.11	Test for semiconductor devices and cemented joints	环境温 五天	N N
2.10.12	Enclosed and sealed parts	Se Control Colors Control Cont	N

obe	3	WIRING, CONNECTIONS AND SUI	PPLY	- FILLS	P
				400 L	

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	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict	
3.1	General	CO CO	Р	
3.1.1	Current rating and overcurrent protection	Adequate cross sectional areas on internal wiring. No internal wire for primary power distribution.	P III	
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	Р	
3.1.4	Insulation of conductors	The insulation of the individual conductors is suitable for the application and the working voltage.	P	
3.1.5	Beads and ceramic insulators		N	
3.1.6	Screws for electrical contact pressure		N	
3.1.7	Insulating materials in electrical connections	检测 不管	mpliance N	
3.1.8	Self-tapping and spaced thread screws	The Same of the Control of the Contr	N.	
3.1.9	Termination of conductors	- C	N	
ompliance	10 N pull test		N	
3.1.10	Sleeving on wiring	The state of the s	N Com	

3.2	Connection to a mains supply	CC Marie CO	N
3.2.1	Means of connection	Class III equipment	N
3.2.1.1	Connection to an a.c. mains supply	测压	N
3.2.1.2	Connection to a d.c. mains supply	S. M. Johnson	N
3.2.2	Multiple supply connections	® Amendra de Co	N
3.2.3	Permanently connected equipment		N
3C ****	Number of conductors, diameter (mm) of cable and conduits:		
3.2.4	Appliance inlets	ichercon (A interconduction CC	N
3.2.5	Power supply cords	2C ***	N
3.2.5.1	AC power supply cords		N
NO	Type	The Barrier The Barrier	
W.	Rated current (A), cross-sectional area (mm²), AWG:	Co Marine Co	
3.2.5.2	DC power supply cords		N
3.2.6	Cord anchorages and strain relief	大樓 灌	ompliance N
	Mass of equipment (kg), pull (N)	so Salar and Colons Col	
- FILE	Longitudinal displacement (mm)	CC - CC	
3.2.7	Protection against mechanical damage		N

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	EN 60950-1				
Clause	Requirement – Test	Result – Re	mark		Verdict
3.2.8	Cord guards	60	CO'		N
Court	D (mm); test mass (g)				
Alteste	Radius of curvature of cord (mm)	e dil	:100		
3.2.9	Supply wiring space	Manual Marce	That compliance	® ##	on of Gran

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	M. T. A. Comments of the Comme	N
3.3.3	Screw terminals	· GO	N
3.3.4	Conductor sizes to be connected	- Tall	₩ N
	Rated current (A), cord/cable type, cross-sectional area (mm²):	S SE THE COMPANY OF SELECTION O	
3.3.5	Wiring terminal sizes	60 - 60	N
omplia"	Rated current (A), type and nominal thread diameter (mm):		
3.3.6	Wiring terminals design	THE SECOND SECOND	station of N
3.3.7	Grouping of wiring terminals	CO TO	N
3.3.8	Stranded wire	10	N

3.4	Disconnection from the mains supply	The Company of the State of Condition	N
3.4.1	General requirement	Class III equipment	N
3.4.2	Disconnect devices		N
3.4.3	Permanently connected equipment	- 701	N Simplian
3.4.4	Parts which remain energized	A. The State of State	N N
3.4.5	Switches in flexible cords	South S.	N
3.4.6	Single-phase equipment and d.c. equipment	- GO - EV	N
3.4.7	Three-phase equipment		N
3.4.8	Switches as disconnect devices	The Manual Community of the Community of	® N
3.4.9	Plugs as disconnect devices	3 Marian de Company	N
3.4.10	Interconnected equipment	/ \GO P	N
3.4.11	Multiple power sources	70	, N

3.5	Interconnection of equipment	Wilespilor of s	Allestation of Allestation	P
3.5.1	General requirements	100	9	Р
3.5.2	Types of interconnection circuits	: SELV circuit only.		Р

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
3.5.3	ELV circuits as interconnection circuits	No ELV interconnections.	N		
3.5.4	Data ports for additional equipment		Р 📶		

4	PHYSICAL REQUIR	EMENTS	mollance IN 150	The state of the s	Compliance (8)	on of Co
4.1	Stability	® ## Jalulion of Gloss	® And allow of Colors	® Martin of Carlon of Carl	-GO	N
ation of Global C	Angle of 10°	30	0	30		N
Attes	Test: force (N)		:	- TILL	10 TIM	N 🧳

4.2	Mechanical strength	Standard C	Р
4.2.1	General	See below	Р
30	Rack-mounted equipment.	点型 不常	undiance N
4.2.2	Steady force test, 10 N	a Sand County & Sand County	N_
4.2.3	Steady force test, 30 N	C Marine	N
4.2.4	Steady force test, 250 N	250N applied to outer enclosure. No energy or other hazards.	P
4.2.5	Impact test	The Standards	N
G	Fall test	The Company of the Co	N
相	Swing test		N
4.2.6	Drop test; height(m):	1m; No damage of the enclosure, no energy hazards or damage to enclosure integration after the test.	P
4.2.7	Stress relief test	70°C, 7hours, no hazard.	P
4.2.8	Cathode ray tubes	No cathode ray tube.	N
(B) Allester	Picture tube separately certified		N ₃
4.2.9	High pressure lamps	No high pressure lamp	N
4.2.10	Wall or ceiling mounted equipment; force (N):	Sept Comment of the Sept of Comment of the Sept of Sep	N

4.3	Design and construction		Р
4.3.1	Edges and corners	Edges and corners are rounded.	® P
4.3.2	Handles and manual controls; force (N)	3) The Hand Could	N
4.3.3	Adjustable controls	No such adjustable control.	N
4.3.4	Securing of parts	No loosening of parts is likely to occur.	P Collance
4.3.5	Connection of plugs and sockets	IEC60083 and IEC60320 connectors are not used in equipment.	Р
4.3.6	Direct plug-in equipment	Not direct plug-in equipment.	N
20mplian	Torque		N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
	Compliance with the relevant mains plug standard	CC CC N	N
4.3.7	Heating elements in earthed equipment	No heating elements.	N
4.3.8	Batteries	E TO SERVICE OF SERVICE	P
*5. 7	-Overcharging of a rechargeable battery	(see appended table 4.3.8)	Р
Fine strion of Global Compa	-Unintentional charging of a non-rechargeable battery	Rechargeable battery	N
1.G	-Reverse charging of a rechargeable battery	Battery pack polarity cannot be reversed.	N S
	-Excessive discharging rate for any battery	(see appended table 4.3.8)	P
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 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
® Bu	Quantity of liquid (I)		N
EG Atte	Flash point (°C)	The Table of the Community of the Commun	N
4.3.13	Radiation; type of radiation:	Maria Company	Р
4.3.13.1	General		Р
4.3.13.2	Ionizing radiation	No ionizing radiation	M N
	Measured radiation (pA/kg)	10000000000000000000000000000000000000	
	Measured high-voltage (kV)	S The desired comments of the second of the	
	Measured focus voltage (kV)	Figure 100	
® Statio	CRT markings		
4.3.13.3	Effect of ultraviolet (UV) radiation on materials	No ultraviolet radiation	N
-1111	Part, property, retention after test, flammability classification	A SECOND OF SECOND CONTRACTOR	N
4.3.13.4	Human exposure to ultraviolet (UV) radiation:	GO	N
4.3.13.5	Lasers (including laser diodes) and LEDs	LEDs for indicator only	Р
4.3.13.5.1	Lasers (including laser diodes)	The Company	N
	Laser class	Same Contraction	
4.3.13.5.2	Light emitting diodes (LEDs)	Indicating LED only.	Р
4.3.13.6	Other types:	771	N

rotection against hazardous moving parts	Alles	N
eneral	No hazardous moving parts.	N
	A Contain S A Contain S A Million of Contain S	

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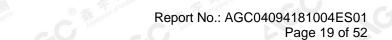


	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
4.4.2	Protection in operator access areas	60 60	N
© Marketalio	Household and home/office document/media shredders		N A
4.4.3	Protection in restricted access locations	E TO SERVICE SERVICE	on of Glob N
4.4.4	Protection in service access areas	San Comment of the Control of the Co	N
4.4.5	Protection against moving fan blades	. CO ***	N
4.4.5.1	General		N
	Not considered to cause pain or injury. a):	下 整	N
	Is considered to cause pain, not injury. b):	Manufacture Communication Comm	O N
® ### 13	Considered to cause injury. c):		N
4.4.5.2	Protection for users	is die	₩ N
	Use of symbol or warning	The Management of The Total	N
4.4.5.3	Protection for service persons	© Allegation of Spirate Company	N
TIME .	Use of symbol or warning:	GO 100	N

4.5	Thermal requirements	THE	FP
4.5.1	General	Schwarzen C Statement CC	P
4.5.2	Temperature tests	(see appended table 4.5)	Р
atation of Globa	Normal load condition per Annex L:	JB.	
4.5.3	Temperature limits for materials	(see appended table 4.5)	P
4.5.4	Touch temperature limits	(see appended table 4.5)	P Attest
4.5.5	Resistance to abnormal heat	No thermoplastic parts on which parts at hazardous voltage are directly mounted.	フN 類類

4.6	Openings in enclosures		N
4.6.1	Top and side openings	C Financia	N
pal Comp.	Dimensions (mm)		
4.6.2	Bottoms of fire enclosures	The state of the s	o N
	Construction of the bottom:	S S S Andrew Com	
4.6.3	Doors or covers in fire enclosures	CO "	N
4.6.4	Openings in transportable equipment		- N
4.6.4.1	Constructional design measures	玉龙	N
	Dimensions(mm):	© Marting and Colors (S. Marting) and Colors (S. Marti	N
4.6.4.2	Evaluation measures for larger openings	CO " \ O	N
4.6.4.3	Use of metallized parts	:10	N

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
4.6.5	Adhesives for constructional purposes	GO GO .	N	
Comp	Conditioning temperature (°C), time (weeks):			

4.7	Resistance to fire	The Tombardon St. Tombardon St	P
4.7.1	Reducing the risk of ignition and spread of flame	Use of plastic with the required flammability classes.	P
	Method 1, selection and application of components wiring and materials	Method 1 used	P
	Method 2, application of all of simulated fault condition tests	Marine a construction of Marine a Construction of Construction	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	· ini	∌ P
4.7.2.2	Parts not requiring a fire enclosure	The Company of the Control of the Co	N
4.7.3	Materials	(i) Situation of the state of t	P
4.7.3.1	General	100	Р
4.7.3.2	Materials for fire enclosures	See appended table 1.5.1	Pto
4.7.3.3	Materials for components and other parts outside fire enclosures	The state of the s	N
4.7.3.4	Materials for components and other parts inside fire enclosures	Internal components except small parts are V-2 or better.	Р
4.7.3.5	Materials for air filter assemblies	No air filter assemblies	Marico N
4.7.3.6	Materials used in high-voltage components	No high voltage components.	Ñ

5	ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS		P
5.1	Touch current and protective conductor current		N
5.1.1	General	Burne I Tomber Com	ition of Glode
5.1.2	Equipment under test (EUT)	® Management Co.	N
5.1.2.1	Single connection to an a.c. mains supply	GO	N
5.1.2.2	Redundant multiple connections to an a.c. mains supply	拉調	N ® ##
5.1.2.3	Simultaneous multiple connections to an a.c. mains supply	America de la Constantina del Constantina de la Constantina del Constantina de la Co	N
5.1.3	Test circuit		N
5.1.4	Application of measuring instrument	極調	ompliance N
5.1.5	Test procedure	O A A A A A A A A A A A A A A A A A A A	N .
5.1.6	Test measurements	-C ** GC *	N
Compliance	Test voltage (V):		N

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Attestation of Global Compliance



	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
31 marco	Measured touch current (mA)	GO GO	N
Comp	Max. allowed touch current (mA)		N
Artestal Artestal	Measured protective conductor current (mA):	liji – lim	N
3	Max. allowed protective conductor current (mA) .:	A The state of the	N
5.1.7	Equipment with touch current exceeding 3.5 mA:		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 STATE OF THE PARTY OF THE PAR	G N
5.1.8.1	Limitation of the touch current to a telecommunication network and a cable distribution system	T. B. M.	N
	Test voltage (V)	© American de Santatarion	N
- Juliance	Measured touch current (mA)	60 100	N
® %	Max. allowed touch current (mA)		N
5.1.8.2	Summation of touch currents from telecommunication networks	The transmitted of the transmitt	N
1000	a)EUT with earthed telecommunication ports:	·	N
F Margaricon State Constitution of Global Con	b)EUT whose telecommunication ports have no reference to protective earth	-m +5	N N

5.2	Electric strength	© Martine and a Comment	N
5.2.1	General	Class III equipment	N
5.2.2	Test procedure		Nonphance

5.3	Abnormal operating and fault conditions	© The spanning of the spanning	P
5.3.1	Protection against overload and abnormal operation	(see appended table 5.3)	Р
5.3.2	Motors		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
5.3.6	Audio amplifiers in ITE	The Third Comment of the Parish	P
5.3.7	Simulation of faults	Result see appended table 5.3.	Р
5.3.8	Unattended equipment	100	N

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
5.3.9	Compliance criteria for abnormal operating and fault conditions	No flame emitted, no molten material emitted, no deformation of enclosure	P		
5.3.9.1	During the tests	No hazards.	The Propulation		
5.3.9.2	After the tests	No fire, no danger.	e on of P		

6 Gobale	CONNECTION TO TELECOMMUNICATION NETWORKS	
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
	Test voltage (V)	al C
	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	N
6.2.2	Electric strength test procedure	N
6.2.2.1	Impulse test	M N
6.2.2.2	Steady-state test	N
6.2.2.3	Compliance criteria	N

6.3	Protection of the telecommunication wiring system from overheating		N ₂	
30	Max. output current (A)	III; Su	The sillares (c) the	
	Current limiting method	Propal Compile	® # Front Global Co. Altes	

7	CONNECTION TO CABLE DISTRIBUTION SYSTEMS		N
7.1	General	The state of the s	@ 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	A BOO MARKET NO.	G N
7.3	Protection of equipment users from overvoltages on the cable distribution system	The state of the s	ornollari N
7.4	Insulation between primary circuits and cable distribution systems	GC GC	N

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200	EN 60950-1		artill)
Clause	Requirement – Test	Result – Remark	Verdict
7.4.1	General	60 60	N
7.4.2	Voltage surge test		N -
7.4.3	Impulse test		The Napilana

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Olavia	EN 60950		\/!
Clause	Requirement – Test	Result – Remark	Verdict
A	ANNEX A, TESTS FOR RESISTANCE TO HEA		N
A.1	Flammability test for fire enclosures of movable exceeding 18 kg, and of stationary equipment (see		N
A.1.1	Samples	· 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
*dS	Wall thickness (mm)	adultion" @ ## Juling Colored	
A.1.2	Conditioning of samples; temperature (°C)		N
A.1.3	Mounting of samples		Ν
A.1.4	Test flame (see IEC 60695-11-3)	The Marie The Table Committee	[®] N
	Flame A, B, C or D	· O Marine de Carante	
A.1.5	Test procedure		N
A.1.6	Compliance criteria	::10	, AN
	Sample 1 burning time (s)	· ·	
	Sample 2 burning time (s)	(a) All and the second of the	
1111 marco	Sample 3 burning time (s)	100 VO	
A.2	Flammability test for fire enclosures of movable exceeding 18 kg, and for material and componen 4.7.3.2 and 4.7.3.4)		N to
A.2.1	Samples, material	-C	
The hallow	Wall thickness (mm)		
A.2.2	Conditioning of samples	-ml	N
A.2.3	Mounting of samples	The Section of the Se	N
A.2.4	Test flame (see IEC 60695-11-4)	® ## Handard Con	N
	Flame A, B or C		
A.2.5	Test procedure		N
A.2.6	Compliance criteria	· 推 · · · · · · · · · · · · · · · · · ·	N N
-1	Sample 1 burning time (s)	C State Comment of the Comment of th	
KEL THE	Sample 2 burning time (s)	60	
oal Co.	Sample 3 burning time (s)		
A.2.7	Alternative test acc. To IEC 60695-2-2, cl. 4 and 8	S. T. de Company Company Company	N
- 1	Sample 1 burning time (s)	C C C	
Figure of Global	Sample 2 burning time (s)		
Viles sur.	Sample 3 burning time (s)		
A.3	Hot flaming oil test (see 4.6.2)	O Marine Company	N
A.3.1	Mounting of samples	60 - 60	N
A.3.2	Test procedure		N

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		EN 60950-1			
Clause	Requirement – Test		Result – Remar	k	Verdict
A.3.3	Compliance criterion	(E) The state of Colorad Color	~ GO "	CC A	N

BC	ANNEX B, MOTOR TESTS UNDER ABNORMAL CONDITIONS (see 4.7.2.2 and 5.3.2)	FINN Onniano
B.1	General requirements	N
_ F Thomas	Position:	
Attestation *	Manufacturer:	
	Type:	
	Rated values:	
B.2	Test conditions	N
B.3	Maximum temperatures	₩ N
B.4	Running overload test	do Accomplian N
B.5	Locked-rotor overload test	N
il allance	Test duration (days):	
(S) 4	Electric strength test: test voltage (V):	
B.6	Running overload test for d.c. motors in secondary circuits	Nonday Nonday
B.6.1	General	N
B.6.2	Test procedure	N
B.6.3	Alternative test procedure	Indiana 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):	IN Company
B.7.3	Electric strength test	N
B.8	Test for motors with capacitors	N
B.9	Test for three-phase motors	N
B.10	Test for series motors	N #
	Operating voltage (V):	

C F Tool	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3.3)		N
Allestation	Position	No transformers	
	Manufacturer	Marco Samuel Company (Samuel Company)	
litte:	Type:	- G ***********************************	
Compliance	Rated values:		

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24 Mallo			11111111		litter-
	EN 60950-1				
Clause	Requirement – Test	Result – Rem	ark		Verdict
地	Method of protection	60	20	The s	
C.1	Overload test				N sal
C.2	Insulation	-all	litte:		J.N.
	Protection from displacement of windings:	K Kampilance	The Compliance	® %	ation of N

D Cooper	ANNEX D, MEASURING INSTRUMENTS FOR TOUCH-CURRENT TESTS (see 5.1.4)			N	
D.1	Measuring instrument		1111		N A
D.2	Alternative measuring instrument		The Williams	F Clobal Comp.	N. Testation

e 1.4.13) N

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

G	ANNEX G, ALTERNATIVE METHOD FOR DETEI	RMINING MINIMUM CLEARANCES	N
G.1	Clearances	The state of the s	# N
G.1.1	General	Education C. Statement C. C.	Alleste N
G.1.2	Summary of the procedure for determining minimum clearances	FG FG	N
G.2	Determination of mains transient voltage (V):	T. T.	ompliance N
G.2.1	AC mains supply	S. The Commission of the Commi	N Allesti
G.2.2	DC mains supply	Allestonics CO	N
G.2.3	Unearthed DC mains supply:		N A
G.2.4	Battery operation:	- III	IN Complian
G.3	Determination of telecommunication network transient voltage (V)	The state of the s	Research N
G.4	Determination of required withstand voltage (V) .:		N
G.4.1	Mains transients and internal repetitive peaks:		N
G.4.2	Transients from telecommunication networks:	The Manager Town The Street Communication of the Street Co	Nathastalion
G.4.3	Combination of transients	© # Japan d Color	N
G.4.4	Transients from cable distribution systems	J. CO.	N
G.5	Measurement of transient levels (V):	700	N
100	a) Transients from a mains supply	III	oal comm
	For an a.c. mains supply	C Market	N
A Hilling	For a d.c. mains supply	100 NO	Ñ
(8)	b) Transients from a telecommunication network		N ®

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
G.6	Determination of minimum clearances:	60 60	N
Court	a.C. in a C. i		Mir

H	ANNEX H, IONIZING	RADIAT	TION (see 4.3.13	3)	1111	F.N.
0			The Compliance	The Compliance	The toppione	® American or Garage
	ANNEY I TARLE OF	E EL ECT	DOCHEMICAL	DOTENTIALS /	200 2 6 5 6)	- (C)

J	ANNEX J, TABLE OF ELECTROCHEMICAL POTENTIALS (see 2.6.5.6)	N.C
The Lation of Global Co	Metal used:	

K	ANNEX K, THERMAL CONTROLS (see 1.5.3 and	5.3.7)	N _{stestation}
K.1	Making and breaking capacity	Manufacture Control of the Control o	N
K.2	Thermostat reliability; operating voltage (V):	100	N
K.3	Thermostat endurance test; operating voltage (V)	· 天意 测	Complete N
K.4	Temperature limiter endurance; operating voltage (V)	CO TO	N
K.5	Thermal cut-out reliability		N
K.6	Stability of operation	THE SCHOOL STATES	N oal compl

L 环境	ANNEX L, NORMAL LOAD CONDITIONS FOR S BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.1)	OME TYPES OF ELECTRICAL	Р
L.1	Typewriters	in his	N N
L.2	Adding machines and cash registers	The Common of the Control of the Con	N 🦠
L.3	Erasers	® Manufacture Comments	N
L.4	Pencil sharpeners		N
L.5	Duplicators and copy machines		N
L.6	Motor-operated files	TE TO THE SECOND SECOND	atation of N
L.7	Other business equipment	dedute @ # Julion de CO	P

M	ANNEX M, CRITERIA FOR TELEPHONE RINGI	NG SIGNALS (see 2.3.1)	N
M.1	Introduction	The transfer of the transfer o	N
M.2	Method A	® ##	N
M.3	Method B	0 100 P	N
M.3.1	Ringing signal	100	N
M.3.1.1	Frequency (Hz)	M. The Committee of the State o	
M.3.1.2	Voltage (V)	O Alexandro	
M.3.1.3	Cadence; time (s), voltage (V)	700 100	
M.3.1.4	Single fault current (mA)		

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
M.3.2	Tripping device and monitoring voltage:	GO GO .	N
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage		N III
M.3.2.2	Tripping device	· 在那	N N
M.3.2.3	Monitoring voltage (V):	Const Const (S. Marian Const C	N

N	ANNEX N, IMPULSE TEST GENERATORS (se clause G.5)	ee 2.10.3.4, 6.2.2.1, 7.3.2 and	N F
N.1	ITU-T impulse test generators	S. A. Sanda Committee Comm	N
N.2	IEC 60065 impulse test generator	C. Marie C.C.	N

P	ANNEX P, NORMATIVE REFERENCES	A THE	ST. Compliance P
			A Y' L

	TA TOTAL	W Alles allon C Salar alles al	
Q	ANNEX Q, Voltage dependent resistors (VDRS)	(see 1.5.9.1)	N
Somplian (R)	-Preferred climatic categories:		N
-G	-Maximum continuous voltage:	The Compliance	N
0	-Combination pulse current:	The companies © Management Case (6)	N N
亚 斯德	Body of the VDR Test according to IEC 60695- 11-5:	SOC SOC	N
illestation of C	Body of the VDR. Flammability class of material (min V-1):	TEM EX	N Complete N

R	ANNEX R, EXAMPLES OF REQUIREMENTS FOR QUALITY CONTROL PROGRAMMES		N	
R.1	Minimum separation distances for unpopulated coated printed boards (see 2.10.6)	T. 拉到	The fill the second	© The state of the
R.2	Reduced clearances (see 2.10.3)	or of Global Co	3 Maria de Carolo	N

S	ANNEX S, PROCEDURE FOR IMPULSE TESTING (see 6.2.2.3)			N N	
S.1	Test equipment	liti:	不信	ompliance 3	National Nation
S.2	Test procedure	The Management	® Frain of Glove	(R) Attestation of	N
S.3	Examples of waveforms during	g impulse testing	0 .	G	N

T AN	NNEX T, GUIDANCE O	N PROTECTIO	N AGAINST INC	GRESS OF WAT	ER 🦸 🚜	M N
(se	ee 1.1.2)	E KE Milance	Kingliance	® Management of Glob	(B) Attestation 0'	< G

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	EN 60950-1		
Clause	Requirement – Test Re	sult – Remark	Verdict
U 7/1/ Semplares	ANNEX U, INSULATED WINDING WIRES FOR USE INSULATION (see 2.10.5.4)	WITHOUT INTERLEAVED	G N
0 5	and the second		不恒
V	ANNEX V, AC POWER DISTRIBUTION SYSTEMS (s	see 1.6.1)	Final Cinn
V.1	Introduction	O A AND A CONTRACT CO	N
V.2	TN power distribution systems	CC TO	N
illestatio.		100	
N	ANNEX W, SUMMATION OF TOUCH CURRENTS	The templanes The templanes	N
<i>N</i> .1	Touch current from electronic circuits	and the state of t	N
N.1.2	Earthed circuits		N
N.2	Interconnection of several equipments	:10	N
N.2.1	Isolation	The Compliance File	N
N.2.2	Common return, isolated from earth	(a) The salidor of Garage	N
N.2.3	Common return, connected to protective earth	30	N
60	ANNEX X, MAXIMUM HEATING EFFECT IN TRANS	FORMER TESTS (see clause	N
X.1	Determination of maximum input current	- CO - CO	N
X.2	Overload test procedure		N
a5ta*	CO DO	11	Compliance
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONING T	EST (see 4.3.13.3)	N
Y.1	Test apparatus:	A GO	N
/.2 _@	Mounting of test samples:		N
Y.3	Carbon-arc light-exposure apparatus:		N
Y.4	Xenon-arc light exposure apparatus:	Compliance House Continue (6)	N
	The State of the S	Allesadion C	
Z ompliant	ANNEX Z, OVERVOLTAGE CATEGORIES(see2.10.3	3.2 and Clause G.2)	N
- 0	30 (O)	The state of the s	@ ##.
AA	ANNEX AA, MANDREL TEST (see 2.10.5.8)	A Section Committee (a) Section of Colone Co.	N
	A M. S.	Mesalon G Misse	
3B 1	ANNEX BB, CHANGES IN THE SECOND EDITION	10	
Affestation .	- CO - CO - F	10000000000000000000000000000000000000	Kampliance 1
CC	ANNEX CC, Evaluation of integrated circuit (IC) cir	cuit limiters	N
CC.1	General **	-C	N
CC.2	Test program 1:		N

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and mal		31111	acilli litar		
	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
CC.3	Test program 2	60 60	N		
CC.4	Test program 3		N		
CC.5	Compliance		N		

DD 🔞	ANNEX DD, requirements for the mounting means of rack-mounted equipment		ed equipment	N
DD.1	General	100		N
DD.2	Mechanical strength test, variable N:	in in	ALT: THE	N
DD.3	Mechanical strength test, 250N, including end stops:	S St. Horn of Clothal Compliance	Management of Global Comm	N
DD.4	Compliance:			N

EE	ANNEX EE, Household and home/office document/	media shredders	N N
EE.1	General	© Attestation of Good Attestation	N
EE.2	Marking and instructions	30	N
® .	Use of markings or symbols:		N
CC	Information of user instructions, maintenance and/or servicing instructions:	The state of the s	N
EE.3	Compliance:	100 100	N
EE.4	Disconnection of power to hazardous moving parts:		N
	Use of markings or symbols:	The Completion (S. F. Honorcia)	N
EE.5	Protection against hazardous moving parts	The salidor of Go.	N
(R) ##	Test with test finger (figure 2A):		N
- 6	Test with wedge probe (figure EE1 and EE2):	litr:	N

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				EN 60950-1			
Clause	Requirem	nent – Test			Res	ult – Remark	Verdict
EN	60950-1:20	006/A11:2009/A	1:2010/A12:	2011/A2:2013 – 0	CENELEC CO	MMON MODIFICAT	IONS
(S) ##		subclauses, no 0-1 and it's am		nd figures which a prefixed "Z"	are additional t	o those in	A
Contents (A2:2013)	Annex ZE	(normative)	Normative ref corresponding Special natio	erences to intern g European public nal conditions NELEC code desi	cations		F. P
General		the —countrylly 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	1111 m
	2.3.2.1	Note 2	2.3.4	Note 2	2.6.3.3	Note 2 & 3	Compile
	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	大枪
	4.7.3.1	Note 2	5.1.7.1	Note 3 & 4	5.3.7	Note 1	Figure of Global Co.
	6	Note 2 & 5	6.1.2.1	Note 2	6.1.2.2	Note	Alle State
	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			Cinpilar.
General A1:2010)		the "country" r		ference docume	nt (IEC 60950-	1:2005/A1:2010)	CP M
	1.5.7.1	Note		6.1.2.1	Note 2		· · · · · · · · · · · · · · · · · · ·
-C	6.2.2.1	Note 2		EE.3	Note	- TIM	EK KEL
General A2:2013)	according 2.7.1 6.2.2.	to the followin Note * Note	g list:	2.10.3.1 Modification remains	Note 2	1:2005/A2:2013)	P P
.1.1 A1:2010)	Replace to NOTE 3 To multimedia	the text of NOT he requirements	E 3 by the fol of EN 60065 n IEC Guide 11		meet safety red	quirements for	,C

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.3.Z1	Add the following subclause:		60
	1.3.Z1 Exposure to excessive sound pressure		Р
	The apparatus shall be so designed and constructed as to present no danger when used for its intended purpose, either in normal operating conditions or under fault conditions, particularly providing protection against exposure to excessive sound pressures from headphones or earphones.	E THE STANDARD GO	A COMMENT
	NOTE Z1 A new method of measurement is described in EN 50332-1, Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 1: General method for "one package equipment", and in EN 50332-2, Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations -		
line	Part 2: Guidelines to associate sets with headphones coming from different manufacturers.	Subred County County (S. State and Co. State	
(A12:2011)	In EN 60950-1:2006/A12:2011	10	
® 5	Delete the addition of 1.3.Z1 / EN 60950-1:2006		P
a.C	Delete the definition 1.2.3.Z1 / EN 60950-1:2006 /A1:2010	The Compiler	A Glopal Co.
1.5.1 (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. New Directive 2011/65/11 *	C BGC	N
1.7.2.1 (A1:2010)	In addition, for a PORTABLE SOUND SYSTEM, the instructions shall include a warning that excessive sound pressure from earphones and headphones can cause hearing loss.	-C ***	N A
1.7.2.1 (A12.2011)	In EN 60950-1:2006/A12:2011 Delete NOTE Z1 and the addition for Portable Sound System. Add the following clause and annex to the existing standard and amendments.	N to all to a second	N. N.
	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.	All Same Same Same Same Same Same Same Same	N
	A personal music player is a portable equipment for personal use, that: - is designed to allow the user to listen to recorded or broadcast sound or video; and	GO F	Company Company
	 primarily uses headphones or earphones that can be worn in or on or around the ears; allows the user to walk around while in use. 	CO MARKET	NG.

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EN 60950-1						
Clause	Requirement – Test	Result – Remark	Verdict			
校 测 bal Compliance ® 餐	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.	PCC .	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 STANDARD COMPANY	The atom of Guthal Commission			
	The requirements in this sub-clause are valid for music or video mode only.	Name of the last o				
	 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 professional equipment; 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.	ACC MANAGEMENT	A THE			
	 analogue personal music players (personal music players without any kind of digital processing 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 THE STATE OF T			
	For equipment which is clearly designed or intended for use by young children, the limits of EN 71-1 apply.	CC	CC .			
GC *	Zx.2 Equipment requirements No safety provision is required for equipment that complies with the following:	THE THE	The state of the N			
	 equipment provided as a package (personal music player with its listening device), where the 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 Francisco	GC			
	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.	Total de la company	Countinues			

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EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict		
TO THE	All other equipment shall: a) protect the user from unintentional acoustic outputs exceeding those mentioned above; and b) have a standard acoustic output level not exceeding those mentioned above, and automatically return to an output level	AGC .	N JIM		
	not exceeding those mentioned above when the power is switched off; and c) provide a means to actively inform the user of the increased sound pressure when the equipment is operated with an	A CO)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 output exceeding those mentioned above. The acknowledgement does not need to be repeated more than	A SECONDARY OF THE SECO	GC Francis		
	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. NOTE 3 The 20 h listening time is the accumulative listening time,	The state of the s	A Bondiano		
	independent how often and how long the personal music player has been switched off. d) have a warning as specified in Zx.3; and	PCC	NO.		
	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	C Francisco	S. B. J. J. Bonne		
	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.	A A STATE OF THE S			
	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.	AGO O	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 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. For example, if the player is set with the programme simulation	GC Francisco	CC M		
	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.	F. T. W. Market	The Completon		

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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 A	N M
	"To prevent possible hearing damage, do not listen at high volume levels for long periods." Figure 1 – Warning label (IEC 60417-6044)		
GC 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.	GC E	A. Sandara
	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 Francisco Co	N Managara de Cardon Cardon
	NOTE The values of 94 dBA – 75 mV correspond with 85dBA – 27 mV and 100 dBA – 150 mV.		Doll 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 ***	N 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.).	Marine de Comercia	
	NOTE An example of a wired listening device with digital input is a USB headphone.	The state of the s	C

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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 playing the fixed programme simulation noise described in 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 combination of 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. 		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 III	:300
	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.	To a little de la company de l	N
Compile 8	NOTE Test method for wireless equipment provided without listening device should be defined.	10000000000000000000000000000000000000	· 1
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 S
GC **	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	Financia de Constituto de Cons	To the late of the
	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		N N
2.7.2	shall be regarded as providing protection in accordance with the rating of the wall socket outlet.	F. F. Condition & F. France	(Glop, Mon.
	This subclause has been declared 'void'.	360	N
3.2.3	Delete the NOTE in Table 3A, and delete also in this table the conduit sizes in parentheses.	lin.	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".	FCC FC	
	In Table 3B, replace the first four lines by the following: Up to and including 6 0,75 a)	五	
	Over 6 up to and including 10 (0,75) b) 1,0 Over 10 up to and including 16 (1,0) c) 1,5	internation of our CO	N
	In the conditions applicable to Table 3B delete the words "in some countries" in condition ^{a)} .		
	In NOTE 1, applicable to Table 3B, delete the second sentence.	Alifer O Section Company	Rifestation of
3.2.5.1 (A2:2013)	NOTE Z1 The harmonised code designations corresponding to the IEC cord types are given in Annex ZD	CC S	N
3.3.4	In Table 3D, delete the fourth line: conductor sizes for 10 to 13 A, and replace with the following: Over 10 up to and including 16 1,5 to 2,5 1,5 to 4	Total Company of the State of t	N
-cill	Delete the fifth line: conductor sizes for 13 to 16 A	action and Alexander	10
4.3.13.6 (A1:2010)	Replace the existing NOTE by the following: NOTE Z1 Attention is drawn to: 1999/519/EC: Council Recommendation on the limitation of exposure of the general public to electromagnetic fields 0 Hz	To the time of time of time of the time of	The total Complete
	to 300 GHz, and 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).	C BCC	N
	Standards taking into account mentioned Recommendation and Directive which demonstrate compliance with the applicable EU Directive are indicated in the OJEC.		ON THE
Annex H	Replace the last paragraph of this annex by:		litte:
	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. Replace the notes as follows: NOTE These values appear in Directive 96/29/Euratom.	Emiliar of the Company of the Compan	N C
Plopal Co.,	Delete NOTE 2.	-711	
Bibliography	Additional EN standards.	June Translance	® The station

ZA	NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR	
11. 3	CORRESPONDING EUROPEAN PUBLICATIONS	_

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EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
AST WALL	ZB ANNEX (normative) SPECIAL NATIONAL COND	DITIONS (EN)	G	
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 III	
1.2.13.14	In Norway and Sweden , for requirements see 1.7.2.1 and 7.3 of this annex.	The state of Cookie Cookie	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.	M Sandardan	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).	GO 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.	Endergrade Comments	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: In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt"			
1.7.2.1	In Sweden: "Apparaten skall anslutas till jordat uttag"	1111	J. N	
(A11:2009)	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 Marine	S	
	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 TO E	C TO	
	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:	F. J. B. M. O. S. M. A. C.	K Jacob Complants	

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
KST MINION	ZB ANNEX (normative) SPECIAL NATIONAL CONI	DITIONS (EN)	
	"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 Section of the sect	N in
	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. Translation to Norwegian (the Swedish text will also be		GC ***
	accepted in Norway): "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."	ACC THE REAL PROPERTY OF THE PERTY OF THE PE	NG.
	Translation to Swedish:	The Calabat Compilar	@ F JA of Global Conn
	"Utrustning som är kopplad till skyddsjord via jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk för brand. För att undvika detta skall vid anslutning av utrustningen till kabel-TV nät alvanisk 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 AMERICAN AND AND AND AND AND AND AND AND AND A	
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.		The land of the la

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
KET JUNGO	ZB ANNEX (normative) SPECIAL NATIONAL CON	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 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 stand Completion of Standard of Standa	Chops South
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.	® # John of Global Company	® The 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
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. Marine	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
塔那	ZB ANNEX (normative) SPECIAL NATIONAL CONI	DITIONS (EN)	10U
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		
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 Heavy Current Regulations, Section 107-2-D1 or EN 60309-2.		N The state of the
3.2.1.1 GG	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.		N N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
KE JONES	ZB ANNEX (normative) SPECIAL NATIONAL CONI	DITIONS (EN)	CO
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 an approved conversion plug.	The state of the s	N IIII
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.	The state of the s	N N
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.	Water Strate Company	© The state of clothal commit
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: • 1,25 mm ² to 1,5 mm ² nominal cross-sectional area.	C NGC	N
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.		N N N N N N N N N N N N N N N N N N N
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.	THE STATE OF THE S	N

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
KT "ance	ZB ANNEX (normative) SPECIAL NATIONAL CON	DITIONS (EN)	C
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:		N 700
	STATIONARY PLUGGABLE EQUIPMENT TYPE A that	The Global Compiler	in lation of
	is intended to be used in a RESTRICTED ACCESS LOCATION where equipotential bonding has been applied, for example, in a telecommunication centre; and	AGO	PC
	has provision for a permanently connected PROTECTIVE EARTHING CONDUCTOR; and is provided with instructions for the installation of that conductor by a SERVICE PERSON;	American Company of Co	3C # #
	• STATIONARY PLUGGABLE EQUIPMENT TYPE B;	GO D	
	STATIONARY PERMANENTLY CONNECTED EQUIPMENT.	lin:	A THE
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 TOTAL COMPANY OF THE TAX	Judi Soffinda N
	If this insulation is solid, including insulation forming part of a component, it shall at least consist of either	P.G.	
	- two layers of thin sheet material, each of which shall pass the electric strength test below, or	THE TEMPLIANTO	The Complete
	- one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.	C	Alleste
	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
KEL JAMES	ZB ANNEX (normative) SPECIAL NATIONAL COND	DITIONS (EN)	CO
CC (1)	- 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	The Till	N and a contract
	manufacturing, using a test voltage of 1,5 kV. It is permitted to bridge this insulation with an optocoupler	The state of a grant o	C
	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.	孤 天 意 温	® Milestation
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	-C	G _C
	- 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;		A 3 700 C
	- the additional testing shall be performed on all the test specimens as described in EN 60384-14:	AGC imm	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. K. W.	The transfer of the state of th
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	C NGC	N
	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.	CC MARKET	CC M
7.2	In Finland , Norway and Sweden , for requirements see 6.1.2.1 and 6.1.2.2 of this annex.	:10)	N ill
0	The term TELECOMMUNICATION NETWORK in 6.1.2 being replaced by the term CABLE DISTRIBUTION SYSTEM.	The Compliance (6)	The station of Glove
7.3	In Norway and Sweden , for requirements see 1.2.13.14 and 1.7.2.1 of this annex.	American S.C.	N
7.3	In Norway , for installation conditions see EN 60728-11:2005.	III.	N

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1.5.1	TABLE: list of critical components	Sill			P
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity
Battery	SHEN ZHEN YONG DA JIA ELECTRONICS CO., LTD	062020	3.7V, 180mAh Max charging current: 180mA Max discharging current: 180mA	IEC 62133	Report No.:TCT180 318B013-1
Internal wire	Interchangeable	Interchangeable	28AWG, 80°C	UL758	UL AVLV2
РСВ	Interchangeable	Interchangeable	V-0, 130°C	UL94, UL796	UL ZPMV2
Enclosure	SHENZHEN HALCYON NEW MATERIALS CO LTD	PC201 VG-20R (a)	Min 1.0mm, V-0, 80°C	UL94	UL E233919
Note(s):	For Colonia Committee Comm	ation of Global Co	3 70000		

1.6.2	TABLE: e	electrical data (i	n normal co	nditions)		The P
U (V)	I (A)	I rated (A)	P (W)	Fuse #	I fuse (A)	Condition/status
3.7	0.05		0.19	Medallon C	NG.	Discharge, the EUT was equipped with fully charge battery.
5.0	0.15	0.5	0.75	litt:	711	Charge, the EUT was equipped with fully discharge battery.
Note(s):	:1111	- FIN	工	bal Compliance	Find Global Compile	-C

2.1.1.5c)1) TABLE: m	nax. V, A, VA test			N N
Voltage (rated) (V)	Current (rated) (A)	Voltage (max.) (V)	Current (max.) (A)	VA (max.) (VA)
<u></u>	Jampierce	(S) All and a cloud a cloud and a cloud a	-C	GO "
Note(s):	© # Jahlord Clobal	5 60		litis:

2.1.1.5c)2)	TABLE: stored energy	利	TY Compliance	The Manager of the State of the	© Manufacture N
	Capacitance C (µF)		Voltage U (V)		Energy E (J)
The Sompliance	© Meshior of Garage	- 60			
Note(s):	10		15	in K	A THE

2.2 TABLE: evaluation of voltage limiting components in SELV circuits N				
Component (managered between)	max. voltage (V)	Voltage Limiting		
Component (measured between)	Vpeak	Vd.c.	Components	
The Paris of th	The Compliance (8)	The distribution of Globa (C)	estation of G	
Fault test performed on voltage limiting components	Voltage measure	d (V) in SELV circuits	s (V peak or V d.c.)	
Some Of the Control o			利	

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- 3 g			WZ. 100
Note(s):			

2.5	TABLE: limited power	er source measu	60	N			
Measured	Measured Uoc (V) with all load circuits			(A)	VA		
disconnect			Meas. Limit		Meas.	Limit	
	liii:	4.5	obal Compiles I	A Compliant	Jobal Comb R	estation	
Note(s):	Completed In Complete	Attestation of Attest	(B) Attestation of At	-6	100		

2.10.2 TABLE: Wor	king voltage measuremer	nt	拉测	The Compliance	® N training of Glo
Location	RMS voltage	(V) Peak	voltage (V)	Comi	ments
O A TO DO TO THE OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OWNER OF THE OWNER OWN	- F dela de como B B de donde	Joseph Allesto	- 60		
Note(s):	Allesano Alles	10			ALL SA

2.10.3 and 2.10.4	TABLE: clearance a	ABLE: 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)		
100				校 測	 @ ###	" Ol Clopal Count	Halon of Global		
	m m	1	Kelopal Compiles	A Strong Cours	(C) 300 Miles	- C			
Note(s):	lione The Company	Altestation	a.C	Allesto	(C)				

2.10.5 TABLE: distance through insulation r	neasurements	The Compliance	® # Clobal	N state state
Distance through insulation di at/of:	U r.m.s. (V)	Test voltage (V)	Required di (mm)	di (mm)
Note(s):		按正 河川	The Compliance &	atation of Global

4.3.8	TABLE: Batte	eries	For Global Comb	(a) Age	te station at Gib	Alfestations	35		Р
The tests of not available	4.3.8 are appli	cable only v	vhen approp	riate batter	y data is			TIM TIME	P
Is it possible	to install the b	attery in a r	everse polai	rity position	?	Glo	ed connecto attery pack		GN AMERICAN
不不	Non-red	chargeable	batteries	Rechargeable batteries					
Affectation of Children	Disch	Discharging Uninten-		Cha	rging	Discharging Reverse Ch.		Charging	
	Meas. current	Manuf. Specs.	tional charging	Meas. current	Manuf. Specs.	Meas. current	Manuf.S pecs.	Meas. current	Manuf. Specs.

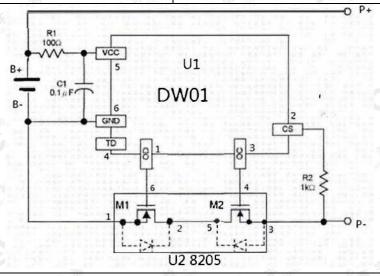
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Attestation of Global Compliance



The male							IIII		
Max. current during normal condition		₽G.	The Compliance	150mA	180mA	50mA	180mA	F. J. Jomes	
Max. current during fault condition	Sobal Compliance	GG **	GC Sprace	160mA	180mA	65mA	180mA	4	TY Partition
Test results:				Ki jus	T KE JULIAN	oe F	K Compliance	® \$5	Verdict
- Chemical leak	s ,	E Janes	® Figure of G	® See	Figure of Global Co	No	Glory	,C	P
- Explosion of the	ne battery	(Conn.	0 "	CO M	√ C	No			P
- Emission of fla	ame or exp	ulsion of mo	Iten metal			No. 1			P
- Electric strength tests of equipment after completion of tests					Was Comme			N	
Note(s):	J. Global Connille.	F Global Company	® # F	Global Comin	C Allestation	CC			

4.3.8	TABLE: Batteries		海河 河	P ®
Battery cate	gory:	Lithium-ion Battery	of Colonia & St. Million of Co	Joban E.C.
Manufacture	r	See table 1.5.1	CC T	
Type/model		See table 1.5.1	-::11	liti:
Voltage, Cap	pacity	See table 1.5.1	The Compliance	The Compliance
Circuit protec	ction diagram:	See below of details.	® American of Course	Allestation



MARKINGS AND INSTRUCTIONS (1.7.13)

Location of replaceable battery	Non-replacea	ble battery	
Language(s)	:	lin:	
Close to the battery	: :::::	K Compliance	The Coupling Co
In the servicing instructions	: IK Kingharce	(S) Anion of Globs	® Mariation of C
In the operating instructions	ion of Glober	C AM	
Note(s):	Attes		

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4.5	TABLE: maximum t	temperature	S					pliance P
711	Test voltage (V)	To the state of th		a):5.0VDC charge mode; b): Battery discharge only			® Amerikan of Globa	
mavimum t	emperature T of part/a	at:			Т	(°C)		allowed
maximum t	emperature i oi pari/a	สเ.		a)			b)	Tmax (°C)
PCB near U	15	52	52.8 52.5		52.5	130		
Wire from battery				44	.1 04	43.9		80
Battery	Battery				44.6		44.2	
Enclosure in	nside near PCB			47	47.3		46.7	80
Enclosure o	utside near PCB	litte:		45	45.5 44.8		14.8	70
Ambient	The Compliance The	Compliance	I IN TO THE	40	.0		40.0	
Temper	ature T of winding	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	$R_2(\Omega)$	T (°C)	Allowed T _{max} (°C)	Insulation Class
		<u></u>				Kil mplance	Th	Combigue ®

4.5.5	TABLE: ball pro	essure test of the	ermoplastic parts			HE MANOR	N Kit Juliana
100	allowed impres	sion diameter (m	m):	T King James	(P) # F 101 G16	(B)	
Part				Test tempera	ture(°C)		n diameter m)
Manager of Global	R Allestation of Chi	-GO	100			1/2.	-711
Note(s):	60		111 mms	不 控	suc _s	F The Con	(C) The Tr

4.7	TABLE: Resistance to	fire	Attactation	-GO :	Р
Part	Manufacturer of material	Type of material	Thickness (mm)	Flammability class	Evidence
O		:1111	TK Complaine	II Tomulares (8)	The station of Glove
Note(s): Ref	er to table 1.5.1	The Compliance	S A John of Goods S	The station of the	50

5.1	TABLE: touch current measurement		70	THE THE	N # 3
Measured between:		Measured(mA)	Limit(mA) Commen		ts/conditions
X. 12		Alleste	on Alleston	1C2	
Note(s):		100	10		litte

5.2	TABLE: electric strength tests and impulse tests	© Marian of Colonia Control	® Allestation of Column	N
Test voltage applied between:		Test voltage (V)	Breakdown	
Clopal County	CG TO LO		- All -	- 授 7

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Note(s): --

ADLE G. H Pris	2000	12-22-00			
ABLE: fault condition	tests		10°	60	Р
ambient temperature (°C)		· ·		20-25.0	
ated markings of pow	er supply	supply:			
. Fault	Test voltage (V)	Test time	Fuse no.	Result	
Output,S-C	30	10min	7-0	Unit shutdown immediately. No hazards.	
Overcharge, B- and P-, S-C	5.0	7h		No hazards. Battery enclosure: 32.7°C	
Discharge, B- and P-, S-C	Simular I	2h	® # Francisco of Ci	No hazards. Battery enclosure: 32.9°C	
S-C	5.0	10min	—	Unit shutdown immediately. No hazards.	
S-D S-C 5.0 10min Normal operation, no dar hazards.		age and no			
	o. Fault Output,S-C Overcharge, B- and P-, S-C Discharge, B- and P-, S-C S-C	Ated markings of power supply Test voltage (V) Output,S-C Overcharge, B- and P-, S-C Discharge, B- and P-, S-C S-C 5.0	ated markings of power supply	Output,S-C 10min Overcharge, B- and P-, S-C 5.0 7h Discharge, B- and P-, S-C 2h S-C 5.0 10min	ated markings of power supply

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Attachment A Photos of product



Fig.1- overview



Fig.2 - overview

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Fig.3 - partview

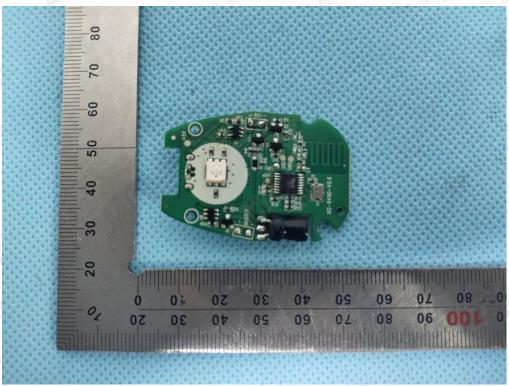


Fig.4 - partview

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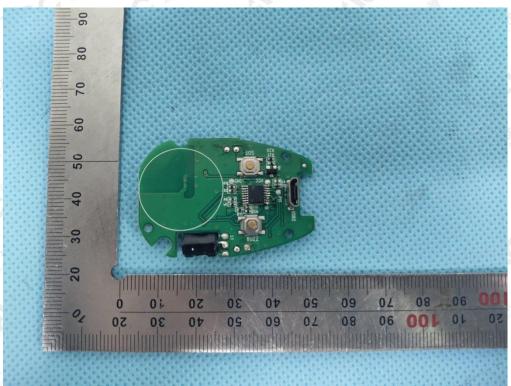


Fig.5 - partview

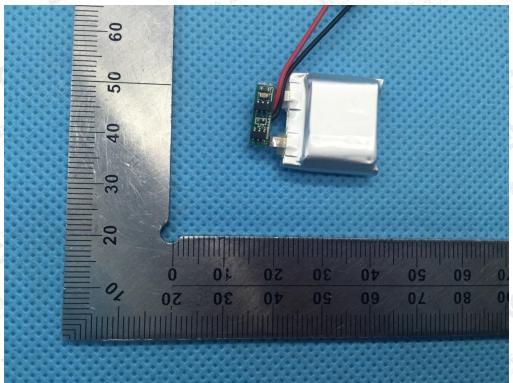
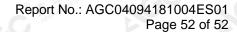


Fig.6 - top circuit of battery

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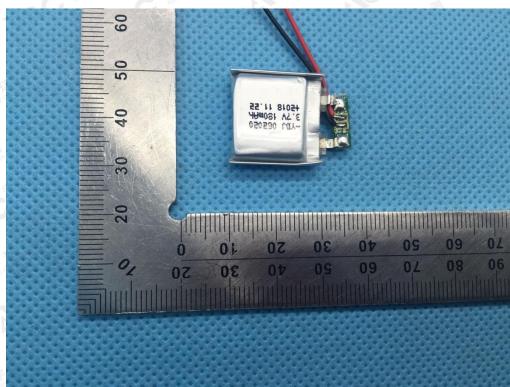


Fig.7 – bottom circuit of battery

----END OF REPORT----

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