

Page 1 of 54

# Safety Test Report

Report No.: AGC04094181102ES01

PRODUCT DESIGNATION	:	USB and 10W wireless charger
BRAND NAME	Finor	N/A
MODEL NAME	:	P308.60
CLIENT	: (	Xindao B.V.
DATE OF ISSUE	:	Jan. 07, 2019
STANDARD(S)	arnolar	EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013
REPORT VERSION	:	V1.0

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

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Attestation of Global Compliance



Report No.: AGC04094181102ES01 Page 2 of 54

And AC AC	TEST REPORT EN 60950-1	Compared Contraction of State of Contraction Contraction
Infor	mation technology equ Part 1: General requi	
Report Reference No	: AGC04094181102ES01	
Tested by (+ signature)	: Johnson Ye	Johnson 1 Ye
Reviewed by (+ signature)	: Byron Wang	Fohnson I Ye Bryron Way
Approved by (+signature)	Matte He (Authorized officer)	mette He
Date of issue	: Jan. 07, 2019	· A marticlast
Contents	: Total 54 pages.	
Testing laboratory	GO D	
Name	: Attestation of Global Comp	liance (Shenzhen) Co., Ltd.
Address	: 1-2/F, Building 19, Junfeng	Industrial Park, Chongqing Road, Heping
		Bao 'an District, Shenzhen, Guangdong, China
Testing location	: Same as above.	
Applicant		
Name		
Address	: P.O. Box 3082, 2280 GB, F	Rijswijk, The Netherlands
Manufacturer		
Name	: Xindao B.V.	
Address	: P.O. Box 3082, 2280 GB, F	Rijswijk, The Netherlands
Factory		
Name	: Xindao B.V.	
Address	: P.O. Box 3082, 2280 GB, F	Rijswijk, The Netherlands
Test specification	Mance The Companies @	States of States
Standard	: EN 60950-1:2006+A11:200	09+A1:2010+A12:2011+A2:2013
Test procedure	: Type test	
Procedure deviation	: N/A	
Non-standard test method	.: N/A	

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#### Report No.: AGC00293181104ES01 Page 3 of 54

Test Report Form/blank test report	9			
Test Report Form No:				
Test Report Form(s) Originator:				
Master TRF	Dated 2018-09			
Test item		The second secon		
Product designation:	USB and 10W v	wireless charger		
Brand name:	N/A			
Test model P308.60				
Series model N/A		A IN Brand I The Brand Contract		
Rating(s) Input: 100-240 Total output: M Each USB outp		0V~, 50/60Hz, Max. 0.8A; Max.30W tput: 5V 2.1A Max, Type-C output: 5V 3A, Wireless -1A(5W)/ 9V 1.1A(10W)		
Test item particulars		The second secon		
Equipment mobility	:	Movable hand-held Itransportable		
Connection to the mains	The complete	□stationary □for building-in □direct plug-in □pluggable equipment ⊠ type A □type B		
Connection to the mains		programment connection		
		detachable power supply cord		
		non-detachable power supply cord		
Operating condition	R F Ton Global Contr	☐not directly connected to the mains ⊠continuous		
Operating condition		☐rated operating/ resting time:		
Access location	:	⊠operator accessible		
Over voltage category(OVC)				
Mains supply tolerance(%) or absolute values		±10%		
Tested for IT power systems	:	□Yes ⊠No		
IT testing, phase-phase voltage(V)	:			
Class of Equipment	z. El acominica i	Class I Class II Class III		
Considered current rating of protective of the building installation (A)		16A		
Pollution degree(PD)		□PD 1 □PD2 □PD3		
Protection against ingress of water	:	IPX0		
Altitude during operation (m)		2000m		
Altitude of test laboratory (m)		<500m		
Mass of equipment (kg)	:	<1 kg		
Test case verdicts	nol Global Coll	and a Charles A		
Test case does not apply to the test ob	oject:	N (/A)		

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#### Report No.: AGC00293181104ES01 Page 4 of 54

Test item does not meet the requirement : Testing Date of receipt of test item: Date(s) of performance of test: Cate(s) of performance of test: Attachment Attachment A: General remarks This report shall not be reproduced except in full withou The test results presented in this report relate only to th	Nov.02, 2018 Dec.24, 2018 –Jan.04 Photos of product ut the written approval c	Bartin Strate Bartin Bartin
Date of receipt of test item Date(s) of performance of test	Dec.24, 2018 –Jan.04 Photos of product ut the written approval c	Bartin Strate Bartin Bartin
Date(s) of performance of test Attachment Attachment A General remarks This report shall not be reproduced except in full withou	Dec.24, 2018 –Jan.04 Photos of product ut the written approval c	Bartin Strate Bartin Bartin
Attachment Attachment A: General remarks This report shall not be reproduced except in full withou	Photos of product ut the written approval c	Bartin Strate Bartin Bartin
Attachment A: General remarks This report shall not be reproduced except in full withou	ut the written approval c	of the testing laboratory.
General remarks This report shall not be reproduced except in full withou	ut the written approval c	of the testing laboratory.
This report shall not be reproduced except in full without		of the testing laboratory.
"(See appended table)" refers to a table appended to the Throughout this report a comma is used as the decimal Report Revise Record:	- Allo	
Report Version Revise Time Issued Date	Valid Version	Notes
V1.0 / Jan. 07, 2019	Valid	Initial release
General product information		
The USB and 10W wireless charger is considered as	Class II product with pl	lastic enclosure. It is intended for

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 25 °C.

#### Summary of testing

The test item passed.

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#### Report No.: AGC00293181104ES01 Page 5 of 54

#### 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.

Model No.: P308.60 Input: 100-240V ~ 50/60Hz Max. 0.8A Each USB Output: 5V=2.1A Type C Output: 5V == 3A Wireless Output: 5V = 1A(5W) 9V = 1.1A(10W) Total Output: Max.30W Xindao B.V. P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands (6回公】

#### Remark:

The CE marking and WEEE symbol (if any) should be at least 5mm and 7mm respectively in height.
 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.
 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.
 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.

The results show the first extreport refer only to the sample(s) tested unless otherwise stated and the sample(s) are retained for 30 days only. The document is issued by AGC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be confirmed at http://www.ago.gott.com.

#### Report No.: AGC04094181102ES01 Page 5 of 54

 EN 60950-1

 Clause
 Requirement – Test
 Result – Remark
 Verdict

 1
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1.5	Components	The Handard - Franciscon - Star	P
1.5.1	General	Contraction and Contraction	P
And and a coord	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 C
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 AC
1.5.3	Thermal controls	No any thermal controls.	N
1.5.4	Transformers	Transformer used is suitable for their intended application and comply with the relevant requirements of the standard.	P
1.5.5	Interconnecting cables	「	nellance P
1.5.6	Capacitors bridging insulation	CX1, CY1 capacitors used in accordance with their rating and complied with subclasses of IEC 60384-14 with at least 21 days damp heat test.	GC A
1.5.7	Resisters bridging insulation	The series of th	P
1.5.7.1	Resisters bridging functional, basic or supplementary insulation	Bleeder resistor (R1, R2)	Р
1.5.7.2	Resisters bridging double or reinforced insulation between a.c. mains and other circuits	<b>B</b>	N
1.5.7.3	Resisters bridging double or reinforced insulation between a.c. mains antenna or coaxial cable	· The standard of the standard	<b>C</b> <sup>N</sup>
1.5.8	Components in equipment for IT power systems		Ν
1.5.9	Surge suppressors	No such parts.	N
1.5.9.1	General	The Andrew Stranger	N
1.5.9.2	Protection of VDRs		N
1.5.9.3	Bridging of functional insulation by a VDR		Ν
1.5.9.4	Bridging of basic insulation by a VDR		N

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#### Report No.: AGC00293181104ES01 Page 6 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR	CC CC	<u>S</u> N
C The second	and the second s		在 恒 7
1.6	Power interface	the and the temperature of the	P
1.6.1	AC power distribution systems	TN power system for adaptor	Р
1.6.2	Input current	See appended table 1.6.2	Р
1.6.3	Voltage limit of hand-held equipment	Not a hand-held equipment.	N
1.6.4	Neutral conductor	The Brancher on The Second	N
	A REAL AREAL	· · · · · · · · · · · · · · · · · · ·	
1.7 💿 🔬	Marking and instructions		Р
1.7.1	Power rating	See below	, 🍿 P
0	Rated voltage(s) or voltage range(s) (V)	See marking plate.	
	Symbol for nature of supply, for d.c. only:	~ C Barrier	
FILL Stance	Rated frequency or rated frequency range (Hz) .:	See marking plate.	
o <sup>001</sup>	Rated current (mA or A):	See marking plate.	
1.7.1.2	Identification markings	Alter and the second second	FP
	Manufacturer's name or trademark or identification mark	See marking plate.	
Frof Global Con	Type/model or type reference::	See marking plate.	
testatu	Symbol for Class II equipment only:		
	Other marking and symbols:	See marking plate.	
1.7.1.3	Use of graphical symbols		Р
1.7.2	Safety instructions and marking	Provided	P
1.7.2.1	General	See below.	≪ <sup>™</sup> P
1.7.2.2	Disconnect devices	No such devices	N
1.7.2.3	Overcurrent protective device		N
1.7.2.4	IT power distribution systems		N
1.7.2.5	Operator access with a tool	the man the ferrar	⊙ N
1.7.2.6	Ozone	0 5 Jacobard Com 6 5 Jacobard Com	<b>N</b>
1.7.3	Short duty cycles	Equipment is designed for continuous operation.	N
1.7.4	Supply voltage adjustment:	Single supply.	N
	Methods and means of adjustment; reference to installation instructions:	and a the state of the contract of the state of the state	N
1.7.5	Power outlets on the equipment:	- GU - CU	N

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#### Report No.: AGC00293181104ES01 Page 7 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference):	Fuse F1, T3.15A,250V	Р
1.7.7	Wiring terminals		N
1.7.7.1	Protective earthing and bonding terminals:	A REAL OF	N CION
1.7.7.2	Terminal for a.c. mains supply conductors	and Come of the second of the	N
1.7.7.3	Terminals for d.c. mains supply conductors		Ν
1.7.8	Controls and indicators	No such parts.	Ν
1.7.8.1	Identification, location and marking:	The Benderic The The Sector	N
1.7.8.2	Colours:	B The wind Gauge	N N
1.7.8.3	Symbols according to IEC 60417:		N
1.7.8.4	Markings using figures:		🔊 N
1.7.9	Isolation of multiple power sources	Single power sources.	N N
1.7.10	Thermostats and other regulating devices	No such devices.	N
1.7.11	Durability	The marking with stands required tests.	Р
1.7.12	Removable parts	No such parts.	N
1.7.13	Replaceable batteries	No batteries.	N
	Language(s):	and and a go	
1.7.14	Equipment for restricted access locations::		Ν

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2	PROTECTION FROM HAZARDS		P
2.1	Protection from electric shock and energy hazards	No hazardous parts in operator access areas.	GP
2.1.1	Protection in operator access areas		P
2.1.1.1	Access to energized parts	Energized parts are not accessible.	Р
	Test by inspection:	Compliance	Р
ある	Test with test finger(Figure 2A):	Compliance	Р
lobal Conv	Test with test pin (Figure 2B):	Compliance	Р
No.	Test with test probe (Figure 2C)	The area The the second	ON
2.1.1.2	Battery compartments:	C The stand optimized and the stand of Contract	<b>N</b>
2.1.1.3	Access to ELV wiring		N
Attestation of Global	Working voltage (Vpeak or Vrms); minimum distance (mm) through insulation	(see appended table 2.10.5)	
2.1.1.4	Access to hazardous voltage circuit wiring	and a follow and a strand	N
2.1.1.5	Energy hazards:	No energy hazard in operator access area	Р
2.1.1.6	Manual controls		N 🖗

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#### Report No.: AGC00293181104ES01 Page 8 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
2.1.1.7	Discharge of capacitors in equipment		Р
al Comp.	Time-constant (s); measured voltage (V)::	0.420s, 136V(37%), Vpeak:368V	
2.1.1.8	Energy hazards – d.c. mains supply	No d.c. mains supply	N N
G	a)Capacitor connected to the d.c. mains supply :	A Barrier Comment	alion of Car N
TH THE ACO	b)Internal battery connected to the d.c. mains supply:	CO the NGO	N
2.1.1.9	Audio amplifiers:	No any amplifiers	Ν
2.1.2	Protection in service access areas	The Brown The The Content	N
2.1.3	Protection in restricted access locations	B The stand Color	N

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2.2	SELV circuits	cuits	
2.2.1	General requirements	42.4V peak or 60VDC are not exceeded in SELV circuit under normal operation or single fault condition.	P
2.2.2	Voltages under normal conditions (V):	(see appended table 2.2)	P
2.2.3	Voltages under fault conditions (V)	(see appended table 2.2)	P
2.2.4	Connection of SELV circuits to other circuits :	Compliance	Р

2.3	TNV circuits		147:	N
2.3.1	Limits	No TNV circuits.	opplan	N
	Type of TNV circuits:	8 the sound closed	- 0	N Attest
2.3.2	Separation from other circuits and from accessible parts		0	N
2.3.2.1	General requirements		the second	N
2.3.2.2	Protection by basic insulation	The Company of the State Command	station of	N
2.3.2.3	Protection by earthing		1	N
2.3.2.4	Protection by other constructions:	CO F		N
2.3.3	Separation from hazardous voltages			N
	Insulation employed:	The contraction of the state of the second	C	N
2.3.4	Connection of TNV circuits to other circuits	C Alexander	2	N
F Global	Insulation employed:		10-	N
2.3.5	Test for operating voltages generated externally		12 plance	N

2.4	Limited current circuits	Find Coold Court	C.C	Р
2.4.1	General requirements	inestation in the second se		Р
2.4.2	Limit values	54.6mA	The the property	

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#### Report No.: AGC00293181104ES01 Page 9 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
HAL THE	Frequency (Hz):	78kHz	
alComP	Measured current (mA):	5.2mA	
Antest	Measured voltage (V):	10.4V	
60	Measured capacitance (nF or µF)	2200pF	
2.4.3	Connection of limited current circuits to other circuits	CO Marine NO	N

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2.5	Limited power sources	The Barrier of The Street	Prestantion of
	a)Inherently limited output	B The south of the	<b>N</b>
®	b)Impedance limited output		N
GC	c)Regulating network limited output under normal operating and single fault condition	See appended table 2.5.	P
	d)Overcurrent protective device limited output	in Contraction of Contraction	N.
AL THI	Max. output voltage (V), max. output current (A), max. apparent power (VA):	See appended table 2.5.	
	Current rating of overcurrent protective device (A)	the second	N
6	Use of integrated circuit (IC) current limited	a the sume of the transformed of the	N

2.6	Provisions for earthing and bonding		N
2.6.1	Protective earthing	Class II equipment.	N
2.6.2	Functional earthing	The Company O The Fred Count	N
	Use of symbol for functional earthing	- G	N
2.6.3	Protective earthing and protective bonding conductors		N
2.6.3.1	General		N
2.6.3.2	Size of protective earthing conductors	Constant 0 the End Constant of Constant	Ν
the formulance	Rated current (A), cross-sectional area (mm2), AWG:	GC AC	N
2.6.3.3	Size of protective bonding conductors		N 4
	Rated current (A), cross-sectional area (mm2), AWG:	· Frankradionicante · ·	<b>N</b>
2.6.3.4	Resistance of earthing conductors and their terminations, resistance( $\Omega$ ), voltage drop(V),test current (A), duration(min):		N
2.6.3.5	Colour of insulation:	and a france and a france	N
2.6.4	Terminals	c.C. C.C.	Ν
2.6.4.1	General		N
2.6.4.2	Protective earthing and bonding terminals	and the second	N

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 10 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
Hand The	Rated current (A), type and nominal thread diameter (mm):		<u>S</u> N
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors		T N
2.6.5	Integrity of protective earthing	And Comparison of the Company Company	N
2.6.5.1	Interconnection of equipment		Ν
2.6.5.2	Components in protective earthing conductors and protective bonding conductors	ACC IN THE REAL OF	N
2.6.5.3	Disconnection of protective earth	The Constant	N
2.6.5.4	Parts that can be removed by an operator		N
2.6.5.5	Parts removed during servicing		Ν
2.6.5.6	Corrosion resistance		N
2.6.5.7	Screws for protective bonding	a the second contract of the second contract	N
2.6.5.8	Reliance on telecommunication network or cable distribution system	GC CC	N

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2.7	Overcurrent and earth fault protection in primary circuits			
2.7.1	Basic requirements	Protection against overcurrent and short-circuits is provided as an integral part of the equipment. Protection against earth faults is provided as part of the building installation.	P	
	Instructions when protection relies on building installation	C Barristine & GC Barris		
2.7.2	Faults not covered in 5.3.7	Considered	P 🗌	
2.7.3	Short-circuit backup protection	The building installation is considered as providing short circuit backup protection.	P	
2.7.4	Number and location of protective devices:	Over current protection by fuse.	Р	
2.7.5	Protection by several devices	NG F	N	
2.7.6	Warning to service personnel:		N	

2.8	Safety interlocks	C C N	N
2.8.1	General principles	No safety interlocks	N
2.8.2	Protection requirements		N
2.8.3	Inadvertent reactivation	and the second contraction of the second con	N
2.8.4	Fail-safe operation	a G G G	Ν
al Compliance	Protection against extreme hazard		Ν
2.8.5	Moving parts	The the second	N

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 11 of 54

	EN 609	50-1	
Clause	Requirement – Test	Result – Remark	Verdict
2.8.6	Overriding		<b>N</b>
2.8.7	Switches and relays	Elec Flo	N 🔬
2.8.7.1	Contact gaps (mm)	:	N N
2.8.7.2	Overload test	The termine of The Comment	N
2.8.7.3	Endurance test	A A A A A A A A A A A A A A A A A A A	NC
2.8.7.4	Electric strength test	SGO AN	N
2.8.8	Mechanical actuators		N

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Electrical insulation		Р
Properties of insulating materials		Р
Humidity conditioning		P
Humidity (%),temperature (°C):	120h, 93%RH, 40.0°C	Р
Grade of insulation	C.ª C.C	Р
Separation from hazardous voltages		Р
Method(s) used:	Method 1 used.	P
	Properties of insulating materials         Humidity conditioning         Humidity (%),temperature (°C)         Grade of insulation         Separation from hazardous voltages	Properties of insulating materials         Humidity conditioning         Humidity (%),temperature (°C)         Grade of insulation         Separation from hazardous voltages

2.10	Clearances, creepage distances and distances through insulation		
2.10.1	General		Р
Attestation of	Frequency:	50/60Hz	Р
	Pollution degrees:	Pollution degrees 2	Р 🐔
	Reduced values for functional insulation	C There are a construction of the construction	Р
	Intervening unconnected conductive parts		Р
-	Insulation with varying dimensions		P
0	Special separation requirements	T Barris The Comparison 0 5	N
- 71	Insulation in circuits generating starting pulses	a Columber and Standing Column	N
2.10.2	Determination of working voltage		Р
2.10.3	Clearances		Р
2.10.3.1	General	The Commence the Thomas Commence	P
2.10.3.2	Mains transient voltages	C The section of the	Р
TA T	a)AC mains supply:	2500V peak	Р
Thestation of Go	b)Earthed d.c. mains supplies:		N
	c)Unearthed d.c. main supplies:	The The Second	N COMM
and a	d)Battery operation:	C The C	N
2.10.3.3	Clearances in primary circuits	(See appended table 2.10.3 and 2.10.4)	Р

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#### Report No.: AGC00293181104ES01 Page 12 of 54

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
2.10.3.4	Clearances in secondary circuits	(See appended table 2.10.3 and 2.10.4)	GCP	
2.10.3.5	Clearances in circuits having starting pulses		N	
2.10.3.6	Transients from a.c. mains supply:	Secondary circuit 1500Vpeak	For of Cold P	
2.10.3.7	Transients from d.c. mains supply:		Ν	
2.10.3.8	Transients from telecommunication networks and cable distribution systems:		Ν	
2.10.3.9	Measurement of transient voltage levels		N	
	a)Transients from a mains supply	C The stand of the stand of the stand	N	
	For a.c. mains supply:		N	
Auto	For d.c. mains supply:		N	
G	b)Transients from	The state of the s	Straine N	
2.10.4	Creepage distances	Con Contraction of Contraction of Contraction	Р	
2.10.4.1	General	cC a GO	Р	
2.10.4.2	Material group and comparative tracking index		Р	
<sup>*</sup> O <sub>O</sub>	CTI tests: Material group IIIb is assumed to be used		Р	
2.10.4.3	Minimum creepage distances	a Go the a GO	Р	
2.10.5	Solid insulation		Р	
2.10.5.1	General		P	
2.10.5.2	Distances through insulation	(See appended table 2.10.5)	Р 🍕	
2.10.5.3	Insulation compound as solid insulation	· And a contract of the second	N	
2.10.5.4	Semiconductor device		Р	
2.10.5.5	Cemented joints		N	
2.10.5.6	Thin sheet material - General	The series of th	Front Close	
2.10.5.7	Separable thin sheet material	Gome Car	Р	
12 molarce	Number or layers(pcs):	3 layers		
2.10.5.8	Non-separable thin sheet material		N	
2.10.5.9	Thin sheet material – standard test procedure	The Comparison of The Standoor	N	
	Electric strength test	· · · · · · · · · · · · · · · · · · ·	N	
2.10.5.10	Thin sheet material - alternative test procedure		Р	
Thestalion of Groot	Electric strength test	(See appended table 2.10.5)	A 71	
2.10.5.11	Insulation in wound components	The Francisco of the	Р	
2.10.5.12	Wire in wound components	C The second second	Р	
HEL TOTAL	Working voltage:		Р	
(C <sup>2011</sup>	a)Basic insulation not under stress:		N 👘	

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 13 of 54

	EN 60950-1	1	
Clause	Requirement – Test	Result – Remark	Verdict
HE THE	b)Basic, supplementary, reinforced insulation:		Р
al Comp	c)Compliance with Annex U:	(See appended table 1.5.1)	Р
GO Rest	Two wires in contact inside wound component; angle between 45° and 90°Tubing used.		F. Constant
2.10.5.13	Wire with solvent-based enamel in wound components	States SC Franking SC 1	N
Attestation of Giv	Electric strength test		Ν
- 6	Rountine test		N
2.10.5.14	Additional insulation in wound components	E The stand Contract Contract	<b>N</b>
	Working voltage:		Ν
C Aller	-basic insulation not under stress:		N
G	-Supplementary, reinforced insulation:	The Part of the Pa	N
2.10.6	Construction of printed boards	and Compared Const Compared Co	Р
2.10.6.1	Uncoated printed boards (See appended table 2.10.3 and 2.10.4)		Р
2.10.6.2	Coated printed boards		N
2.10.6.3	Insulation between conductors on the same inner surface of a printed board		N
2.10.6.4	Insulation between conductors on different layers of a printed board	NOC NOC	N
Attestation	Distance through insulation	The second second	Compliance N
	Number of insulation layers(pcs):	E Stand Comment	N
2.10.7	Component external terminations		C N
2.10.8	Tests on coated printed boards and coated components		N
2.10.8.1	Sample preparation and preliminary inspection	To the part of the comparise @	N
2.10.8.2	Thermal conditioning	School Con Con	N
2.10.8.3	Electric strength test		Ν
2.10.8.4	Abrasion resistance test		N
2.10.9	Thermal cycling	The the second second second	N
2.10.10	Test for Pollution Degree 1 environment and insulating compound		N
2.10.11	Test for semiconductor devices and cemented joints		N
2.10.12	Enclosed and sealed parts	And Frederic Control C	N

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3	WIRING, CONNECTIO	NS AND SUPPLY	N		Р
3.1	General	N	-mi	The the multiple	P
				EN CONTRACTOR	

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#### Report No.: AGC00293181104ES01 Page 14 of 54

	EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict			
3.1.1	Current rating and overcurrent protection	Adequate cross sectional areas on internal wiring.	P			
3.1.2	Protection against mechanical damage	Wire do not touch sharp edges and heat sinks which could damage the insulation and cause hazard	Part Constance			
3.1.3	Securing of internal wiring	Internal wiring is reliable secured	Р			
3.1.4	Insulation of conductors	Insulation on internal conductors is considered to be of adequate quality and suitable for the application and the working voltage involved.	Ρ			
3.1.5	Beads and ceramic insulators	No such insulators provided.	N			
3.1.6	Screws for electrical contact pressure	C American S	N			
3.1.7	Insulating materials in electrical connections		N			
3.1.8	Self-tapping and spaced thread screws		N			
3.1.9	Termination of conductors	A The second sec	P			
107-	10 N pull test	C C	Р			
3.1.10	Sleeving on wiring		Ν			

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3.2	Connection to a mains supply		Р
3.2.1	Means of connection:	adam CO M SO	Р
3.2.1.1	Connection to an a.c. mains supply	Appliance inlet	Р
3.2.1.2	Connection to a d.c. mains supply	Only a.c. mains supply.	N
3.2.2	Multiple supply connections	Only for one mains connection.	N
3.2.3	Permanently connected equipment	Unit is not a permanently connected equipment.	G N
GC *	Number of conductors, diameter (mm) of cable and conduits		
3.2.4	Appliance inlets	Approved appliance inlet	P
3.2.5	Power supply cords		Р
3.2.5.1	AC power supply cords	See table 1.5.1	Р
S	Туре:	The same the commence	
	Rated current (A), cross-sectional area (mm <sup>2</sup> ), AWG:	· Annumacion Car · · · · · · · · · · · · · · · · · · ·	
3.2.5.2	DC power supply cords	100	N
3.2.6	Cord anchorages and strain relief		N
	Mass of equipment (kg), pull (N)	and the standard of the standard	
1	Longitudinal displacement (mm)		
3.2.7	Protection against mechanical damage		N
3.2.8	Cord guards	the second	N

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#### Report No.: AGC00293181104ES01 Page 15 of 54

	EN 60050 1		
	EN 60950-1		T
Clause	Requirement – Test	Result – Remark	Verdict
P. S.	D (mm); test mass (g):		
palComP	Radius of curvature of cord (mm):		
3.2.9	Supply wiring space		The N
		the wards	3 100

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3.3	Wiring terminals for connection of external con-	ductors	NC
3.3.1	Wiring terminals	SC A	Ν
3.3.2	Connection of non-detachable power supply cords	The Barrier of The Barrier	Ν
3.3.3	Screw terminals	a the second and the	N
3.3.4	Conductor sizes to be connected		N
GC Mes	Rated current (A), cord/cable type, cross-sectional area (mm <sup>2</sup> ):		
3.3.5	Wiring terminal sizes	and C the stand close of the stand of the	N
- FILL	Rated current (A), type and nominal thread diameter (mm):	CC CC	
3.3.6	Wiring terminals design	The second	N
3.3.7	Grouping of wiring terminals	The the second s	N
3.3.8	Stranded wire	ad Good Contraction	Ν

3.4	Disconnection from the mains supply		Р
3.4.1	General requirement	Appliance inlet used.	P
3.4.2	Disconnect devices	Not permanently connected equipment.	N
3.4.3	Permanently connected equipment	When appliance inlet is disconnected no hazardous voltage in the equipment.	P. M.
3.4.4	Parts which remain energized	A come of the second of the se	NG
3.4.5	Switches in flexible cords	Appliance inlet disconnects both poles simultaneously.	Р
3.4.6	Single-phase equipment and d.c. equipment		N
3.4.7	Three-phase equipment	No such devices	N
3.4.8	Switches as disconnect devices	Appliance inlet used.	Р
3.4.9	Plugs as disconnect devices		N
3.4.10	Interconnected equipment	The second second	N
3.4.11	Multiple power sources	B and B T A count O T A more con	N

3.5	Interconnection of equipment		P
3.5.1	General requirements	 The Complaine	P

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#### Report No.: AGC00293181104ES01 Page 16 of 54

	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
3.5.2	Types of interconnection circuits:	SELV circuit only.	Р		
3.5.3	ELV circuits as interconnection circuits	No ELV circuits.	N 🔬		
3.5.4	Data ports for additional equipment		N N		
G	the the second	· Burne St. Bandance 8 5.	tation of Giol		

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4	PHYSICAL REQUIREMENTS	The second second	PO
4.1	Stability		N
Alles	Angle of 10°		N 🦂 🖞
	Test: force (N)	 anniante a Francisconte	N

4.2	Mechanical strength		Р
4.2.1	General	See below	P
	Rack-mounted equipment.	the Office States Contract Office States Contract	N
4.2.2	Steady force test, 10 N	No energy or other hazards.	Р
4.2.3	Steady force test, 30 N		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	Applied on top and side enclosure	P
下版	Fall test	1.3m, 3 times	Р
Finor Global C	Swing test	1.3m, 3 times	P P
4.2.6	Drop test; height(m):	E The The State	N
4.2.7	Stress relief test	105℃, 7 hours, no hazard	P
4.2.8	Cathode ray tubes	No cathode ray tube.	N
C A	Picture tube separately certified:		N
4.2.9	High pressure lamps	No high pressure lamp	≪ N
4.2.10	Wall or ceiling mounted equipment; force (N):	Direct plug-in equipment	N

4.3	Design and construction		Р
4.3.1	Edges and corners	Edges and corners are rounded.	O P
4.3.2	Handles and manual controls; force (N) :	(a) ATT - To d Calman Calman Calman Calman	<b>N</b>
4.3.3	Adjustable controls		N
4.3.4	Securing of parts		P
4.3.5	Connection of plugs and sockets	The the second s	Compliant P
4.3.6	Direct plug-in equipment	Not direct plug-in equipment	N
11	Torque:		Ν
al Compa	Compliance with the relevant mains plug standard		

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#### Report No.: AGC00293181104ES01 Page 17 of 54

	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
4.3.7	Heating elements in earthed equipment	No heating elements.	N		
4.3.8	Batteries	No battery	Ν 🔬		
Autosta	-Overcharging of a rechargeable battery		_ 5 N		
C *	-Unintentional charging of a non-rechargeable battery	A Barris Contraction of the second	Selion of S. N		
Global Com	-Reverse charging of a rechargeable battery		N		
Attestation	-Excessive discharging rate for any battery		Ν		
4.3.9	Oil and grease	No Oil and grease.	N		
4.3.10	Dust, powders, liquids and gases	Equipment in intended use not considered to be exposed to these.	N		
4.3.11	Containers for liquids or gases	No containers for liquids or gases	Ν		
4.3.12	Flammable liquids:	The equipment does not contain flammable liquid.	Participante N		
	Quantity of liquid (I):	Co Contraction Color	Ν		
THE A	Flash point (°C):	CO NO	Ν		
4.3.13	Radiation; type of radiation:		N		
4.3.13.1	General	No such parts.	N		
4.3.13.2	Ionizing radiation	They compare	N		
地	Measured radiation (pA/kg):				
Finof Global Con	Measured high-voltage (kV):				
Attestan	Measured focus voltage (kV):	The second se			
	CRT markings:	C = = = = = = = = = = = = = = = = = = =			
4.3.13.3	Effect of ultraviolet (UV) radiation on materials		C N		
C Alleste	Part, property, retention after test, flammability classification		N TH		
4.3.13.4	Human exposure to ultraviolet (UV) radiation:	The Barriero The Company 0	N		
4.3.13.5	Lasers (including laser diodes) and LEDs	COMPANY CONTRACTOR	N		
4.3.13.5.1	Lasers (including laser diodes)	SC AN	N		
1000	Laser class:				
4.3.13.5.2	Light emitting diodes (LEDs)	The Comments of The Comment	N		
4.3.13.6	Other types:	C The show of the second	N		

4.4	Protection against hazardous moving parts		n N
4.4.1	General	No hazardous moving parts.	N
4.4.2	Protection in operator access areas	and a function of the second	N
4.4.3	Protection in restricted access locations		N
4.4.4	Protection in service access areas		N

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#### Report No.: AGC00293181104ES01 Page 18 of 54

	EN 60950-1				
Clause	lause Requirement – Test Result – Remark		Verdict		
4.4.5	Protection against moving fan blades		N		
4.4.5.1	General		N		
C AM	Not considered to cause pain or injury. a):		N N		
G	Is considered to cause pain, not injury. b)	A Brand Brand Brand	aliend N		
1	Considered to cause injury. c):	and the strength of the streng	NG		
4.4.5.2	Protection for users	SC AN	N		
Attes	Use of symbol or warning:		N		
4.4.5.3	Protection for service persons	T. The Comment	N		
	Use of symbol or warning:		N		

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4.5	Thermal requirements		P
4.5.1	General	a the second control of the second control	Р
4.5.2	Temperature tests	(see appended table 4.5)	Р
Compliance	Normal load condition per Annex L:		
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
4.5.5	Resistance to abnormal heat	(see appended table 4.5)	Р

4.6	Openings in enclosures		N
4.6.1	Top and side openings	No opening	N
	Dimensions (mm):	· · · · · · · · · · · · · · · · · · ·	
4.6.2	Bottoms of fire enclosures		N
A AND	Construction of the bottom:		
4.6.3	Doors or covers in fire enclosures	No doors and covers	N
4.6.4	Openings in transportable equipment	Contraction Contraction	Ν
4.6.4.1	Constructional design measures		Ν
jobal	Dimensions(mm):		Ν
4.6.4.2	Evaluation measures for larger openings	The Barrier The The Comment	N
4.6.4.3	Use of metallized parts	C The second contract of the second contract	N
4.6.5	Adhesives for constructional purposes	No adhesives for constructional purpose.	Ν
	Conditioning temperature (°C), time (weeks):		

4.7	Resistance to fire	F. Jonal Computer	a G Andrews	C.C Medal	Р
4.7.1	Reducing the risk of ig	gnition and spread of flame	Use of materials with flammability classes.		Р

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
The states	Method 1, selection and application of components wiring and materials	Method 1 used	Р
-C	Method 2, application of all of simulated fault condition tests		N.
4.7.2	Conditions for a fire enclosure	With having the following parts: - components in primary - components in secondary circuits - insulated wiring the fire enclosure is required.	P
4.7.2.1	Parts requiring a fire enclosure	The fire enclosure prevent the fire spread	C P
4.7.2.2	Parts not requiring a fire enclosure		N
4.7.3	Materials		N P
4.7.3.1	General	PCB rated V-0, fire enclosure used	P
4.7.3.2	Materials for fire enclosures	(See appended table 1.5.1)	Р
4.7.3.3	Materials for components and other parts outside fire enclosures	SC NO	N
4.7.3.4	Materials for components and other parts inside fire enclosures	Internal components except small parts are V-2 or better.	P
4.7.3.5	Materials for air filter assemblies	No air filter assemblies	N
4.7.3.6	Materials used in high-voltage components	No high voltage components.	N
Franci Globa			
5	ELECTRICAL REQUIREMENTS AND SIMULATE	al and a solution	oplian <sup>a</sup> P
5.1	Touch current and protective conductor curren	it Contraction of the second contraction of	Р
5.1.1	General		Ρ
5.1.2	Equipment under test (EUT)		P
5.1.2.1	Single connection to an a.c. mains supply		<i>₄</i> ∿P
5.1.2.2	Redundant multiple connections to an a.c. mains supply	And Barrent of State	N
5.1.2.3	Simultaneous multiple connections to an a.c. mains supply	GC AN	N
5.1.3	Test circuit	To the part of the company	O P
5.1.4	Application of measuring instrument	a the declaration of the second contract	Р

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Test procedure

**Test measurements** 

Test voltage (V) .....:

Measured touch current (mA) .....:

Max. allowed touch current (mA) .....:

Measured protective conductor current (mA) .....:

5.1.5

5.1.6

264V/60Hz

(see appended table 5.1)

(see appended table 5.1)

#### Report No.: AGC00293181104ES01 Page 20 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
を	Max. allowed protective conductor current (mA) :		
5.1.7	Equipment with touch current exceeding 3.5 mA :		N
5.1.7.1	General:		sk N
5.1.7.2	Simultaneous multiple connections to the supply	K Barris Francisco Contention	ation of Carl N
5.1.8	Touch currents to and from telecommunication networks and cable distribution systems and from telecommunication networks	SC AND NO	N
5.1.8.1	Limitation of the touch current to a telecommunication network and a cable distribution system		C
© .	Test voltage (V):		N
C Alles	Measured touch current (mA):		🛸 N
9	Max. allowed touch current (mA)	A The Company of The Com	N
5.1.8.2	Summation of touch currents from telecommunication networks	CC BO BO	Ν
Compliant.	a)EUT with earthed telecommunication ports :		N
GC *	b)EUT whose telecommunication ports have no reference to protective earth	The Barner Of The State of The State of	T N
5.2	Electric strength		Р
5.2.1	General	(see appended table 5.2)	P
5.2.2	Test procedure	The the second of the second of	P
	The second s	Company Contraction	
5.3	Abnormal operating and fault conditions		P
5.3.1	Protection against overload and abnormal operation	(see appended table 5.3)	P
5.3.2	Motors	The the transferred of the trans	N
5.3.3	Transformers	(See appended Annex C)	Р
5.3.4	Functional insulation:	Functional insulation complied with the requirements c).	Р
5.3.5	Electromechanical components	No such components	N
5.3.6	Audio amplifiers in ITE:	Constant Constant	N
5.3.7	Simulation of faults	Result see appended table 5.3.	Р
5.3.8	Unattended equipment		N
5.3.9	Compliance criteria for abnormal operating and fault conditions	See below	P
5.3.9.1	During the tests	Neither fire burns the equipment nor molten metal.	Р
5.3.9.2	After the tests	No hazards	P 💀

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#### Report No.: AGC00293181104ES01 Page 21 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
The second	The second		
6	CONNECTION TO TELECOMMUNICATION NET	WORKS	N
6.1	Protection of telecommunication network servi equipment connected to the network, from haz		F Th N
6.1.1	Protection from hazardous voltages	The contained of the contained of the	N
6.1.2	Separation of the telecommunication network from	earth	Ν
6.1.2.1	Requirements		N
- 6	Test voltage (V):		
	Current in the test circuit (mA):	S = # Account S # Account	
6.1.2.2	Exclusions:		Ν
6.2	Protection of equipment users from overvoltag	es on telecommunication networks	States N
6.2.1	Separation requirements	1 and the state of	N
6.2.2	Electric strength test procedure		N
6.2.2.1	Impulse test		Ν
6.2.2.2	Steady-state test	No insulation breakdown	N
6.2.2.3	Compliance criteria	Compliance	N
6.3	Protection of the telecommunication wiring sys	stem from overheating	N
Falation of Global	Max. output current (A):		
	Current limiting method:	The the second of the second	
	and the second second		- Au
7	CONNECTION TO CABLE DISTRIBUTION SYST	EMS	<b>N</b>
7.1 🔷 🍏	Genreal		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 B A C B A B A GC	N
7.3	Protection of equipment users from overvoltages on the cable distribution system	AO	N
7.4	Insulation between primary circuits and cable distribution systems	· · ··································	CN
7.4.1 🔬	General	GU D	Ν
7.4.2	Voltage surge test		- 🔊 N
7.4.3	Impulse test	AT The Manual The The	N

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#### Report No.: AGC00293181104ES01 Page 22 of 54

Clause	Requirement – Test	Result – Remark	Verdict	
A	ANNEX A, TESTS FOR RESISTANCE TO HEAT		N	
A.1	Flammability test for fire enclosures of movable equipment having a total mass exceeding 18 kg, and of stationary equipment (see 4.7.3.2)			
A.1.1	Samples:	The set of		
AR.	Wall thickness (mm):	Some come of the second of the		
A.1.2	Conditioning of samples; temperature (°C)::		Ν	
A.1.3	Mounting of samples:		N	
A.1.4	Test flame (see IEC 60695-11-3)	The Barrier of The Statement	N	
	Flame A, B, C or D:	B The second and the		
A.1.5	Test procedure	GU A	N	
A.1.6	Compliance criteria		🔊 🛝 N	
9-	Sample 1 burning time (s)	The the second		
	Sample 2 burning time (s):	C Handard C		
2 TH.	Sample 3 burning time (s):	GU QU		
A.2	Flammability test for fire enclosures of movable eq exceeding 18 kg, and for material and components 4.7.3.2 and 4.7.3.4)		N	
A.2.1	Samples, material:	a dente		
The The Con	Wall thickness (mm):			
A.2.2	Conditioning of samples		N	
A.2.3	Mounting of samples:	The Company	N	
A.2.4	Test flame (see IEC 60695-11-4)	· Andrew C. C.	N	
	Flame A, B or C			
A.2.5	Test procedure		N	
A.2.6	Compliance criteria	T Barren The Company 0 5	N	
	Sample 1 burning time (s):	Coome Coo		
HE molence	Sample 2 burning time (s):			
ibai Co	Sample 3 burning time (s):			
A.2.7	Alternative test acc. To IEC 60695-2-2, cl. 4 and 8	The the manual of the Final Community	N	
	Sample 1 burning time (s):	C The start of the		
Th	Sample 2 burning time (s):			
Thestation of Gubbs	Sample 3 burning time (s):			
A.3	Hot flaming oil test (see 4.6.2)	The The Section of the Section	N	
A.3.1	Mounting of samples		N	
A.3.2	Test procedure	C NO	N	
A.3.3	Compliance criterion		N 🐇	

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 23 of 54

	EN 60950-1			
Clause	Requirement – Test	Result – Rema	rk	Verdict
NR. TH	the age of the second of the s	60	CC ·	GU
B	ANNEX B, MOTOR TESTS UNDER ABNORMAL 5.3.2)	CONDITIONS (	see 4.7.2.2 and	N
B.1	General requirements	No motor	The Hamplence Co	T <sub>no</sub> c <sup>io</sup> N
he faith	Position:	Global Com	tion of Global	
- F Global Co	Manufacturer:	CO im		
Attestation	Туре:			
	Rated values:	The standard	The Compliance	
B.2	Test conditions	B The sale of clobal C	C Thesation of Court	N
B.3 🔬 🔬	Maximum temperatures	i inter		N
B.4	Running overload test		litter	🔊 N
B.5	Locked-rotor overload test	4	The Complainte	Sand N
	Test duration (days):	B Thestallon	al Court and Allestation of Allestat	
A man	Electric strength test: test voltage (V):	G	GU	
B.6	Running overload test for d.c. motors in secondary circuits		The the and	N
B.6.1	General	The Complaince	C Thestation of Glob	Mestalion O N
B.6.2	Test procedure	on a Cau		Ν
B.6.3	Alternative test procedure			N
B.6.4	Electric strength test; test voltage (V)	ter en		manes N
B.7	Locked-rotor overload test for d.c. motors in secon	dary circuits	C Station of Ground	Ν
B.7.1	Test procedure	C Attestation of		G N
B.7.2	Alternative test procedure; test time (h):			N 🗌
B.7.3	Electric strength test	-111	THE STATE	TNN States
B.8	Test for motors with capacitors	The Manufance	E The Compton	station of N
B.9	Test for three-phase motors	ALCONT CONTRACTOR	anion <sup>o</sup>	N
B.10	Test for series motors	S		N
. 6	Operating voltage (V):			

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C	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3.3)		
F IGODA	Position:	Soldered on PCB (T1)	
Atlestation	Manufacturer:	See components list.	
	Туре	Ditto	
-111	Rated values:		
Compliance	Method of protection:	Protective circuit	

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#### Report No.: AGC00293181104ES01 Page 24 of 54

Ν

	EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict			
C.1	Overload test	Transformers for switch mode power supply units are tested in the complete power unit or in the complete equipment .test load are applied to the output of the power supply unit	Francisco Company			
C.2	Insulation	(see appended table 5.2)	P			
Finor Global	Protection from displacement of windings::	NGU P	Р			

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D	ANNEX D, MEASURING INSTRUMENTS FOR TOUCH-CURRENT TESTS (see 5.1.4)			
D.1	Measuring instrument	C There are a construction of the second sec	Р	
D.2	Alternative measuring instrument	GU NOU F	N	
30			HEL DIANCE	

 F
 ANNEX F, MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES
 P

 (see 2.10)
 P

ANNEX E, TEMPERATURE RISE OF A WINDING (see 1.4.13)

G	ANNEX G, ALTERNATIVE METHOD FOR DETERMI	NING MINIMUM CLEARANCES	N
G.1	Clearances	NO NO	N
G.1.1	General		N N
G.1.2	Summary of the procedure for determining minimum clearances	The t	N
G.2	Determination of mains transient voltage (V):	The second	G N
G.2.1	AC mains supply		N
G.2.2	DC mains supply		<b>TN</b>
G.2.3	Unearthed DC mains supply:	Compliance F Const	N
G.2.4	Battery operation:	C Massalon	N
G.3	Determination of telecommunication network transient voltage (V)		N
G.4	Determination of required withstand voltage (V) . :	The Companies	N
G.4.1	Mains transients and internal repetitive peaks :	Bestand Co. C. Mestalino	N
G.4.2	Transients from telecommunication networks:		N
G.4.3	Combination of transients		N
G.4.4	Transients from cable distribution systems	The Stand Company of The Stand	N
G.5	Measurement of transient levels (V):	C Alesano	N
A The	a) Transients from a mains supply	CU NO	N
®	For an a.c. mains supply		N 10

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 25 of 54

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	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
AL PROPERTY	For a d.c. mains supply		N		
pal ComP	b) Transients from a telecommunication network		N 🔬		
G.6	Determination of minimum clearances:		T N		
	A PL STOR	A The denter ( ) Free	3 of Greek		

Н

ANNEX H, IONIZING RADIATION (see 4.3.13)

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

K 📀 🌮	ANNEX K, THERMAL CONTROLS (see 1.5.3 and	15.3.7)	Ν
K.1	Making and breaking capacity		N
K.2	Thermostat reliability; operating voltage (V):	12 O T T Cont Cont O T To Cont	N
K.3	Thermostat endurance test; operating voltage (V)	GC TO GC	N
K.4	Temperature limiter endurance; operating voltage (V)	The second second	N
K.5	Thermal cut-out reliability	The action of the second of the	N
K.6	Stability of operation		N

L	ANNEX L, NORMAL LOAD CONDITIONS FOR SOME TYPES OF ELECTRICAL BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.1)			ence P	P
L.1	Typewriters	C The station of Good	CC The second	N	Price
L.2	Adding machines and cash registers	-10		N	tin-
L.3	Erasers			N	iompliant
L.4	Pencil sharpeners	T. Hastone	The completion Co and	N	
L.5	Duplicators and copy machines	Ful clobal Co	alion of Globa	Ν	G
L.6	Motor-operated files	60		Ν	
L.7	Other business equipment		lin-	Р	12

М	ANNEX M, CRITERIA FOR TELEPHONE RINGING SIGNALS (see 2.3.1)	N
M.1	Introduction	N
M.2	Method A	N
M.3	Method B	S N
M.3.1	Ringing signal	NO
M.3.1.1	Frequency (Hz):	
M.3.1.2	Voltage (V)	

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 26 of 54

Ν

	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
M.3.1.3	Cadence; time (s), voltage (V):				
M.3.1.4	Single fault current (mA):				
M.3.2	Tripping device and monitoring voltage:		N N		
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage	And the state of t	N		
M.3.2.2	Tripping device		Ν		
M.3.2.3	Monitoring voltage (V):		Ν		

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**ANNEX P, NORMATIVE REFERENCES** 

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N	ANNEX N, IMPULSE TEST GENERATORS (see 2.10 clause G.5)	.3.4, 6.2.2.1, 7.3.2 and	N
N.1	ITU-T impulse test generators		N
N.2	IEC 60065 impulse test generator	10 mm	The Stranding N

Q	ANNEX Q, Voltage dependent resisters (VDRS)	(see 1.5.9.1)	N. Constant
N	-Preferred climatic categories:	No VDR used	N
	-Maximum continuous voltage:		N
F F COM	-Combination pulse current:		N
Auestalia	Body of the VDR Test according to IEC 60695-11- 5	The state of the state	Contraction N
	Body of the VDR. Flammability class of material (min V-1)	C Road C	GN

R	ANNEX R, EXAMPLES OF REQUIREMENTS FOR PROGRAMMES			Station of Or N
R.1	Minimum separation distances for unpopulated coated printed boards (see 2.10.6)	GO American	NGO	N
R.2	Reduced clearances (see 2.10.3)			Ν

S	ANNEX S, PROCEDURE FOR IMPULSE TESTING (se	ee 6.2.2.3)	N
S.1	Test equipment	GO	N
S.2	Test procedure		N
S.3	Examples of waveforms during impulse testing	the stand Compliant	F ale a Com N

ANNEX T, GUIDANCE ON PROTECTION AGAINST INGRESS OF WATER N Т (see 1.1.2)

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Ρ



#### Report No.: AGC00293181104ES01 Page 27 of 54

Clause	Requirement – Test	Result – Remark	Verdict
Clause	Requirement – rest	Result – Remark	Verdict
U	ANNEX U, INSULATED WINDING WIRES FOR U	ISE WITHOUT INTERLEAVED	Р
- 6	INSULATION (see 2.10.5.4)		the states
V	ANNEX V, AC POWER DISTRIBUTION SYSTEM	S (200 1 6 1)	P
V.1	Introduction		P
V.1 V.2	TN power distribution systems	GO P	P
V.Z	The power distribution systems		6 # <sup>3</sup>
w	ANNEX W, SUMMATION OF TOUCH CURRENT	S	
W.1	Touch current from electronic circuits		N
W.1.2	Earthed circuits		N
W.2	Interconnection of several equipments		N
W.2.1	Isolation		N
W.2.2	Common return, isolated from earth	60 × 60	N
W.2.3	Common return, connected to protective earth		N
c.C		The the there are	F Global Co.
X	ANNEX X, MAXIMUM HEATING EFFECT IN TRA	NSFORMER TESTS (see clause	N
X.1	Determination of maximum input current	Ele Ele	N
X.2	Overload test procedure	The second second	N
	The second second	The strate comment	C AN
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONIN	G TEST (see 4.3.13.3)	N
Y.1 💿 🔬	Test apparatus:		Ν
Y.2	Mounting of test samples:		N
Y.3	Carbon-arc light-exposure apparatus:	The scontinue	N
Y.4	Xenon-arc light exposure apparatus::		Ν
bal Compliance		C AT	
z	ANNEX Z, OVERVOLTAGE CATEGORIES(see2	.10.3.2 and Clause G.2)	N
		The stand of the stand of the stand of the	C Antest
AA	ANNEX AA, MANDREL TEST (see 2.10.5.8)		Ν
THE SOUL	otore C Harden C		line
BB	ANNEX BB, CHANGES IN THE SECOND EDITION	DN Contraction	
		The second secon	
	ANNEX CC, Evaluation of integrated circuit (IC)	) circuit limiters	Ν
CC			
<b>CC</b> CC.1	General		N

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#### Report No.: AGC00293181104ES01 Page 28 of 54

	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
CC.3	Test program 2:		N		
CC.4	Test program 3:		N		
CC.5	Compliance		Ν		

DD	ANNEX DD, requirements for the mounting means of rack-mounted equipment		Ν
DD.1	General	NGO AN	Ν
DD.2	Mechanical strength test, variable N:		Ν
DD.3	Mechanical strength test, 250N, including end stops	S The stand of the	Ν
DD.4	Compliance:	GO AN	Ν

EE	ANNEX EE, Household and home/office document/media shredders		Ν
EE.1	General	C Brandon	Ν
EE.2	Marking and instructions	-10 10	Ν
©,	Use of markings or symbols:		Ν
GC	Information of user instructions, maintenance and/or servicing instructions	A The Construction of the	Ν
EE.3	Compliance:	- GO - CO	Ν
EE.4	Disconnection of power to hazardous moving parts:		Ν
	Use of markings or symbols:	The Companies O the Find Calorado	Ν
EE.5	Protection against hazardous moving parts	Standard Company	Ν
	Test with test finger (figure 2A):		Ν
C.	Test with wedge probe (figure EE1 and EE2):		Ν

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#### Report No.: AGC00293181104ES01 Page 29 of 54

				EN 60950-1			
Clause	Requirem	ient – Test			Res	ult – Remark	Verdict
THE THE	EN 60950-	1:2006/A11:20	09/A1:2010/	A12:2011 – CENE	ELEC COMMO	ON MODIFICATIONS	
B E		subclauses, no )-1 and it's ame		nd figures which a prefixed "Z"	are additional t	o those in	- T
Contents A2:2013)	Annex ZA Annex ZB	(normative)	Normative ref corresponding Special natio	erences to intern g European public nal conditions IELEC code desi	cations		<sup>3</sup> <sup>th</sup> P
Seneral		the —countryll 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	50
	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	Compliance
	2.3.2.1	Note 2	2.3.4	Note 2	2.6.3.3	Note 2 & 3	- 6
	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	NZ4
	4.3.6	Note 1 & 2	4.7	Note 4	4.7.2.2	Note	F Gobal Co
	4.7.3.1	Note 2	5.1.7.1	Note 3 & 4	5.3.7	Note 1	Attestation of
	6	Note 2 & 5	6.1.2.1	Note 2	6.1.2.2	Note	
	6.2.2	Note	6.2.2.1	Note 2	6.2.2.2	Note	lin:
	7.1	Note 3	7.2	Note	7.3	Note 1 & 2	ompliance
	G.2.1	Note 2	Annex H	Note 2			© T
General A1:2010)		the "country" n to the followin Note Note 2		ference documer 6.1.2.1 EE.3	nt (IEC 60950- Note 2 Note	1:2005/A1:2010)	G P
General A2:2013)	Delete all according 2.7.1 6.2.2.	the "country" n to the followin Note * Note	g list:		nt (IEC 60950- Note 2	1:2005/A2:2013) d.	
.1.1 A1:2010)	Replace t NOTE 3 Th multimedia	he text of NOT	E 3 by the fol of EN 60065 m EIEC Guide 11		meet safety rec	quirements for	3C <sup>**</sup>

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#### Report No.: AGC00293181104ES01 Page 30 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
1.3.Z1	Add the following subclause: 1.3.Z1 Exposure to excessive sound pressure	SC -	GU
	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.	A.T. H. B. A. GC	The second second
	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 - Part 2: Guidelines to associate sets with headphones coming from different manufacturers.		
(A12:2011)	In EN 60950-1:2006/A12:2011	- CU	
ou Comput	Delete the addition of 1.3.Z1 / EN 60950-1:2006 Delete the definition 1.2.3.Z1 / EN 60950-1:2006 /A1:2010	TA 12 TH	N
1.5.1	Add the following NOTE:	C Hand Control	Station & Glow
(Added info*)	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 *	SC PROC	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 B B	N
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
	Zx Protection against excessive sound pressure from person	nal music players	- 6
	<b>Zx.1 General</b> 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		N C
	<ul> <li>music players.</li> <li>A personal music player is a portable equipment for personal use, that:</li> <li>- is designed to allow the user to listen to recorded or broadcast sound or video; and</li> <li>- primarily uses headphones or earphones that can be worn in</li> </ul>		
	<ul> <li>or on or around the ears;</li> <li>allows the user to walk around while in use.</li> </ul>	AGC T	

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 31 of 54

EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict		
Ala Companyo	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.	AGC	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.	Barter a Constanting of Constant	The second const		
	The requirements in this sub-clause are valid for music or video mode only.				
	<ul> <li>The requirements do not apply:</li> <li>while the personal music player is connected to an external amplifier; or</li> <li>while the headphones or earphones are not used.</li> <li>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.</li> </ul>				
	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.	AGC Burn	AGC THE AND		
	<ul> <li>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.</li> <li>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.</li> </ul>		N American		
	For equipment which is clearly designed or intended for use by young children, the limits of EN 71-1 apply.		BCC .		
ÇÇÇ	Zx.2 Equipment requirementsNo safety provision is required for equipment that complieswith the following:- equipment provided as a package (personal music player)	C R and a construction of the construction	N		
	<ul> <li>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</li> <li>a personal music player provided with an analogue electrica output socket for a listening device, where the electrical output is ≤ 27 mV measured as described in EN 50332-2,</li> </ul>		C C		
	<ul> <li>while playing the fixed "programme simulation noise" as described in EN 50332-1.</li> <li>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.</li> </ul>	GC I B	H B M		
	The Conduction of States Conduction	Testant Aller			

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Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 32 of 54

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
	<ul> <li>Requirement – Test</li> <li>All other equipment shall: <ul> <li>a) protect the user from unintentional acoustic outputs exceeding those mentioned above; and</li> <li>b) have a standard acoustic output level not exceeding those mentioned above, and automatically return to an output level not exceeding those mentioned above when the power is switched off; and</li> <li>c) provide a means to actively inform the user of the increased sound pressure when the equipment is operated with an acoustic output exceeding those mentioned above. Any means used shall be acknowledged by the user before activating a mode of operation which allows for an acoustic output exceeding those mentioned above. The acknowledgement does not need to be repeated more than 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.</li> <li>NOTE 3 The 20 h listening time is the accumulative listening time, independent how often and how long the personal music player has been switched off.</li> <li>d) have a warning as specified in Zx.3; and</li> <li>e) not exceed the following:</li> <li>1) equipment provided as a package (player with Its listening device), the acoustic output shall be ≤ 150 mV measured as described in EN 50332-1; and</li> </ul></li></ul>			
	<ul> <li>2, while playing the fixed "programme simulation noise" described in EN 50332-1.</li> <li>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. 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.</li> <li>For example, if the player is set with the programme simulation noise to 85 dBA, but the average music level of the song is only 65 dBA, there is no need to give a warning or ask an acknowledgement as long as the average sound level of the song is not above the basic limit of 85 dBA.</li> </ul>	AGC Same		

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## Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 33 of 54

EN 60950-1						
Clause	Requirement – Test	Result – Remark	Verdict			
CC *	<ul> <li>Zx.3 Warning</li> <li>The warning shall be placed on the equipment, or on the packaging, or in the instruction manual and shall consist of the following:</li> <li>the symbol of Figure 1 with a minimum height of 5 mm; and</li> <li>the following wording, or similar:</li> </ul>	AGG MA	The second comments			
	"To prevent possible hearing damage, do not listen at high volume levels for long periods." <b>Figure 1 – Warning label (IEC 60417-6044)</b> Alternatively, the entire warning may be given through the equipment display during use, when the user is asked to					
G	acknowledge activation of the higher level. Zx.4 Requirements for listening devices (headphones and e		N			
the state of the s	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.	AGO N. B. M.	A B			
	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 Real Action	N			
	NOTE The values of 94 dBA – 75 mV correspond with 85dBA – 27 mV and 100 dBA – 150 mV.	R. M.	obal Compliance			
م چې	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 interest	AGC THE REAL			
	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.).	AGC	N C			
	NOTE An example of a wired listening device with digital input is a USB headphone.	Comparce E. The Comparce	CO Provention			

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#### Report No.: AGC00293181104ES01 Page 34 of 54

EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict		
GC T	<ul> <li>Zx.4.3 Wireless listening devices In wireless mode: <ul> <li>with any playing and transmitting device playing the fixed programme simulation noise described in EN 50332-1; and <ul> <li>respecting the wireless transmission standards, where an air interface standard exists that specifies the equivalent acoustic level; and <ul> <li>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.</li> </ul></li></ul></li></ul></li></ul>	AGC IS AND A CONTRACT OF A CON			
	NOTE An example of a wireless listening device is a Bluetooth headphone.	GO F			
	<b>Zx.5 Measurement methods</b> 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.	SGC Real	EN EN		
B	NOTE Test method for wireless equipment provided without listening device should be defined.	The Hard	· 玩 地		
2.7.1	<ul> <li>Replace the subclause as follows:</li> <li>Basic requirements</li> <li>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</li> </ul>	C Real Action	P		
	<ul> <li>the building installation, subject to the following, a), b) and c):</li> <li>a) except as detailed in b) and c), protective devices</li> <li>necessary to comply with the requirements of 5.3 shall be</li> <li>included as parts of the equipment;</li> </ul>	GC Barton			
, CC	<ul> <li>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;</li> <li>c) it is permitted for PLUGGABLE EQUIPMENT TYPE B or</li> </ul>	Frank Barrier Contraction	A Starte and Starter		
	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.	A The second	N S		
· Freeswoord coord	If reliance is placed on protection in the building installation, the installation instructions shall so state, except that for PLUGGABLE EQUIPMENT TYPE A the building installation shall be regarded as providing protection in accordance with the rating of the wall socket outlet.	GC I	The transme		
2.7.2	This subclause has been declared 'void'.	C G	Ν		
3.2.3	Delete the NOTE in Table 3A, and delete also in this table the conduit sizes in parentheses.		N		

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#### Report No.: AGC00293181104ES01 Page 35 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
3.2.5.1	Replace "60245 IEC 53" by "H05 RR-F"; "60227 IEC 52" by "H03 VV-F or H03 VVH2-F"; "60227 IEC 53" by "H05 VV-F or H05 VVH2-F2". In Table 3B, replace the first four lines by the following:	AGC	CC The Part of the
GC W B	Up to and including 6   $0,75^{a}$           Over 6 up to and including 10   (0,75) <sup>b)</sup> $1,0$           Over 10 up to and including 16   (1,0) <sup>c)</sup> $1,5$	A State of the sta	NG
Allestation of GU	In the conditions applicable to Table 3B delete the words "in some countries" in condition <sup>a)</sup> .		The state
	In NOTE 1, applicable to Table 3B, delete the second sentence.	The state of the s	C Allestation of
3.2.5.1 (A2:2013)	NOTE Z1 The harmonised code designations corresponding to the IEC cord types are given in Annex ZD	GC ×	Р
3.3.4	In Table 3D, delete the fourth line: conductor sizes for 10 to 13 A, and replace with the following:	The Westmann and The	B. M.
	Over 10 up to and including 16   1,5 to 2,5   1,5 to 4   Delete the fifth line: conductor sizes for 13 to 16 A	station of Goldand	
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 300 GHz, and 2006/25/EC: Directive on the minimum health and safety	C Manufactor Commune	The second
Attestation of Global C	requirements regarding the exposure of workers to risks arising from physical agents (artifical optical radiation).		THE STORE
A	Standards taking into account mentioned Recommendation and Directive which demonstrate compliance with the applicable EU Directive are indicated in the OJEC.	Commune CO	P
Annex H	Replace the last paragraph of this annex by:		
	At any point 10 cm from the surface of the OPERATOR ACCESS AREA, the dose rate shall not exceed 1 $\mu$ Sv/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. Delete NOTE 2.	The source and the second seco	A summer and the summer of the
Bibliography	Additional EN standards.	E marce The comparise	C The stor of

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#### NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS

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	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
bal Complia	ZB ANNEX (normative) SPECIAL NATIONAL CONI	DITIONS (EN)	
1.2.4.1	In <b>Denmark</b> , 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.	THE R	The News
1.2.13.14	In <b>Norway</b> and <b>Sweden</b> , for requirements see 1.7.2.1 and 7.3 of this annex.	Stream SCO	N
1.5.7.1	In <b>Finland, Norway</b> and <b>Sweden</b> , 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.		SOC N
1.5.8	In <b>Norway</b> , 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).	A R. B. B.	P
1.5.9.4	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> , the third dashed sentence is applicable only to equipment as defined in 6.1.2.2 of this annex.	NGC	N
1.7.2.1	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> , 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"	SC Rothing ACC	
1.7.2.1 (A11:2009)	In Sweden: "Apparaten skall anslutas till jordat uttag" In <b>Norway</b> and <b>Sweden</b> , 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. It is however accepted to provide the insulation external to the equipment by an adapter or an interconnection cable with galvanic isolator, which may be provided by e.g. a retailer. The user manual shall then have the following or similar information in Norwegian and Swedish language respectively, depending on in what country the equipment is intended to be used in:	GC Burn Contraction	

#### Report No.: AGC00293181104ES01 Page 37 of 54

EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict		
杨	ZB ANNEX (normative) SPECIAL NATIONAL CONE	DITIONS (EN)	G		
	<ul> <li>"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)." 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.</li> <li>Translation to Norwegian (the Swedish text will also be accepted in Norway):</li> <li>"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."</li> <li>Translation to Swedish:</li> <li>"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</li> </ul>		A Barrier Connection		
1.7.2.1 (A2:2013)	nätet." In <b>Denmark</b> , 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-	AGC The Part of th	<b>C</b> CN		
	outlet. The marking text in <b>Denmark</b> shall be as follows: In <b>Denmark</b> : "Apparatets stikprop skal tilsluttes en stikkontakt med jord, som giver forbindelse til stikproppens jord."	AGC			
1.7.5	In <b>Denmark</b> , 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 <b>CLASS II EQUIPMENT</b> the socket outlet shall be in accordance with Standard Sheet DKA 1-4a.	GC Realized and a state of the			

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#### Report No.: AGC00293181104ES01 Page 38 of 54

EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict		
the mance	ZB ANNEX (normative) SPECIAL NATIONAL CON	DITIONS (EN)	G		
1.7.5 (A2:2013)	In <b>Denmark</b> , 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				
2.2.4	In <b>Norway</b> , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	For a Const Company 0 For a formation	Solo Com N		
2.3.2	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> there are additional requirements for the insulation. See 6.1.2.1 and 6.1.2.2 of this annex.	AGO	N		
2.3.4	In <b>Norway</b> , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	Compared and Compared	N		
2.6.3.3	In the <b>United Kingdom</b> , the current rating of the circuit shall be taken as 13 A, not 16 A.	S S	Р		
2.7.1	In the <b>United Kingdom</b> , 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.	B. B. C. Barting	N CC		
2.10.5.13	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> , there are additional requirements for the insulation, see 6.1.2.1 and 6.1.2.2 of this annex.	- + Tour	The second second second		
3.2.1.1	In <b>Switzerland</b> , 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				

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AGC 8 Attestation of Global Compliance

#### Report No.: AGC00293181104ES01 Page 39 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
45. <sup>-</sup>	ZB ANNEX (normative) SPECIAL NATIONAL CONI	DITIONS (EN)	G
3.2.1.1	In <b>Denmark</b> , 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.	A Hand C	N N
	CLASS I EQUIPMENT provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules shall be provided with a plug in accordance with standard sheet DK 2-1a or DK 2-5a.	AGO AGO	
	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.	CC The P	
3.2.1.1	In <b>Spain</b> , 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.	The the same	M S N
	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.	ACC HE MA	The second
	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.	C A C	Contraction of Contract
	If poly-phase equipment is provided with a supply cord with a plug, this plug shall be in accordance with UNE-EN 60309-2.	The	obal Compliance
3.2.1.1	In the <b>United Kingdom</b> , 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	ACC interest	<b>G</b> <sup>N</sup>
	<ul> <li>and Sockets etc. (Safety) Regulations 1994, unless exempted by those regulations.</li> <li>NOTE 'Standard plug' is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug.</li> </ul>	ACC NO	N
3.2.1.1	In <b>Ireland</b> , 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	GC Manufactor	<b>SC</b> <sup>N</sup>
Attestation of	of Ireland (section 28) (13 A Plugs and Conversion Adaptors for Domestic Use) Regulations 1997.	The state of the s	TA a Comparis
3.2.4	In <b>Switzerland</b> , for requirements see 3.2.1.1 of this annex.	Lester' - Cr	N
3.2.5.1	In the <b>United Kingdom</b> , 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.	ACC	N

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#### Report No.: AGC00293181104ES01 Page 40 of 54

	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdic	
Ha THE	ZB ANNEX (normative) SPECIAL NATIONAL CONI	DITIONS (EN)	SO	
3.3.4	In the <b>United Kingdom</b> , 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:		N The schward	
	• 1,25 mm <sup>2</sup> to 1,5 mm <sup>2</sup> nominal cross-sectional area.	The stand Contra	All station	
4.3.6	In the <b>United Kingdom</b> , 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.			
4.3.6	In <b>Ireland</b> , 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.	GC Road	The Barrier N	
5.1.7.1	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> TOUCH CURRENT measurement results exceeding 3,5 mA r.m.s. are permitted only for the following equipment: • STATIONARY PLUGGABLE EQUIPMENT TYPE A that	· A . T. Market M.	N	
	is intended to be used in a RESTRICTED ACCESS LOCATION where equipotential bonding has been applied, for example, in a telecommunication centre; and	SC ACL	THE REAL	
	has provision for a permanently connected PROTECTIVE EARTHING CONDUCTOR; and is provided with instructions for the installation of that conductor by a SERVICE PERSON;		GC <sup>3</sup>	
	STATIONARY PLUGGABLE EQUIPMENT TYPE B;		***	
0404	STATIONARY PERMANENTLY CONNECTED EQUIPMENT.		The Man	
6.1.2.1 (A1:2010)	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> , add the following text between the first and second paragraph of the compliance clause:	The stand of the s	N	
	If this insulation is solid, including insulation forming part of a component, it shall at least consist of either			
	- two layers of thin sheet material, each of which shall pass the electric strength test below, or	A the second compare	C The	
	- one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.	GC Treat		
	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	T. T. Martin	The the manual	
He man	the component passes the electric strength test in accordance with the compliance clause below and in addition	GC M		

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#### Report No.: AGC00293181104ES01 Page 41 of 54

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
No. THE	ZB ANNEX (normative) SPECIAL NATIONAL CONE	DITIONS (EN)	G
	<ul> <li>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</li> <li>is subject to ROUTINE TESTING for electric strength during manufacturing, using a test voltage of 1,5 kV.</li> </ul>	A The All and a Construction of Construction o	N N
	It is permitted to bridge this insulation with an optocoupler complying with 2.10.5.4 b).	ACC ACC	
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	The Alexander	C The second
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	C Menterson	GC -
	- the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 60384-14, which in addition to the Y3 testing, is tested with an impulse test of 2,5 kV defined in EN 60950-1:2006, 6.2.2.1;	The Manual of The	An Commune
	- the additional testing shall be performed on all the test specimens as described in EN 60384-14:	GC free	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.	The the All	The state of the state
6.1.2.2	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> , the exclusions are applicable for PERMANENTLY CONNECTED EQUIPMENT, PLUGGABLE EQUIPMENT TYPE B and equipment intended to be used in a RESTRICTED ACCESS LOCATION where equipotential bonding has been applied, e.g. in a telecommunication centre, and which has provision for a permanently connected PROTECTIVE EARTHING CONDUCTOR and is provided with instructions for the		N
7.2	installation of that conductor by a SERVICE PERSON.In Finland, Norway and Sweden, for requirements see		N
GC "	6.1.2.1 and 6.1.2.2 of this annex. The term TELECOMMUNICATION NETWORK in 6.1.2 being replaced by the term CABLE DISTRIBUTION SYSTEM.	T. T. Martin Barris	The country comments
7.3	In <b>Norway</b> and <b>Sweden</b> , for requirements see 1.2.13.14 and 1.7.2.1 of this annex.		N
7.3	In Norway, for installation conditions see EN 60728-11:2005.		N

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Report No.: AGC00293181104ES01 Page 42 of 54

1.5.1	TABLE: list of critical components				part P
Object/part no.	Manufacturer/ trademark	Type/model	Technical data	Standard	Mark(s) of conformity
Plug	Shenzhen Xiekong Electric Co.LTD	ХК-01	250V 2.5A	EN50075	VDE 40009009
Cord	Shenzhen Xiekong Electric Co.LTD	H05VVH2-F	2x0.75mm <sup>2</sup>	EN 50525-2- 11	VDE 40029225
Connector	Shenzhen Xiekong Electric Co.LTD	XK-05	250V 2.5A	EN60630-1	VDE 40018650
AC inlet (CON1)	zhejiang leci Electronic Co.Ltd	DB-8	250VAC, 2.5A, 70°C	EN 60320-1	VDE 40032028
Fuse F1	Shenzhen Lanson Electronics Co. Ltd.	SMT	T3.15A,250V	EN 60127-1 EN 60127-3	VDE 40012592
CX1 capacitor	Tenta Electric Industrial Co.LTD	MEX	X2 type, 0.22uF, 270Vac, Min. 100°C	IEC/EN 60384-14	VDE 119119
Bleeder resistor (R1, R2)	Interchangeable	Interchangeabl e	1.5Mohm, 1/4W	IEC / EN 60950-1	Tested with appliance
CY1 capacitor	JYH CHUNG ELECTRONICS CO LTD	JD	Y1 type, 400V, 2200pF, 125°C	IEC/ EN 60384-14	VDE 137027
Optocoupler (U2)	EVERLIGHT ELECTRONICS CO LTD	EL817	Ext. Dcr&Cl≥8.0mm , Dti. ≥0.4mm, min. 100°C	IEC/EN 60747-5-5, UL 1577.	VDE 132249
Transformer	DongGuan SanGeZhuang electronic technology CO.,LTD	RM10	Class B	IEC / EN 60950-1	Tested with appliance
coil	PACIFIC ELECTRIC WIRE & CABLE (SHENZHEN) CO LTD	UEW/U	130ºC	UL 1446	UL E201757
bobbin	CHANG CHUN PLASTICS CO.,LTD	T375J	Min.1.0mm thick,V-0,150℃	UL 94	UL E59481
insulated tape	Jingjiang Yahua Pressure Sensitive Glue Co., Ltd.	СТ	130°C	UL 510	UL E165111
Triple Insulated Wire	Shenzhen Darun Science & Technology Co,.Ltd,	DRTIW-B	130°C	EN 60950-1	VDE 40032470
Plastic material between PCB and wireless coil	SABIC INNOVATIVE PLASTICS US L L C	940(f1)	V-0, 120°C, min. 1.5mm	UL 94	UL E121562
Wireless coil	HUBEI SHOUTONG MAGNET WIRE TECHNOLOGY CO LTD	xUEW/130	130°C	UL 1446	UL E362846
PCB	GOLDENMAX INTERNATIONAL TECHNOLOGY (ZHUHAI) LTD	GF432	V-0, 130°C	UL 796	UL E330731

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#### Report No.: AGC00293181104ES01 Page 43 of 54

Enclosure	SABIC US L L	INNOVATIVE C	PLASTICS	940(f1)	V-0, 1 min. 1		UL E121562
Note(s):	The second	© 5. F	on of Global CC	Find Global Cont	- 60	CO M	SC
Joba Com	5 Global Compile	CC Allest	-G	Attesta			
1.6.2	TABLE: e	lectrical data (ii	n normal cor	nditions)			P
U (V)	I (A)	I rated (A)	P (W)	Fuse #	I fuse (A)	Condition/status	
Mode A: Wire	eless output	: 9V <b></b> 1.1A(	10W), Type-	C output: 5V	<b></b> 3A, US	B output: 5V <b></b> 1A	
90V/50Hz	0.670	······································	36.35	F1	0.670	Total output: Max	.30W
90V/60Hz	0.665		36.42	F1	0.665	Total output: Max	.30W
100V/50Hz	0.600	0.8	36.09	F1	0.600	Total output: Max	.30W
100V/60Hz	0.607	0.8	36.05	F1	0.607	Total output: Max	.30W
240V/50Hz	0.282	0.8	36.00	F1	0.282	Total output: Max	.30W
240V/60Hz	0.282	0.8	36.99	F1	0.282	Total output: Max	.30W
264V/50Hz	0.264		36.02	F1	0.264	Total output: Max	.30W
264V/60Hz	0.261	-0 5	36.96	F1	0.261	Total output: Max	.30W
Mode B:USB	load 30W	· · · ·					
90V/50Hz	0.600		34.65	🐞 F1	0.600	Total output: Max	.30W
90V/60Hz	0.658	ALL ALL	35.22	F1 _ 1	0.658	Total output: Max	.30W
100V/50Hz	0.586	0.8	34.98	F1	0.586	Total output: Max	.30W
100V/60Hz	0.587	0.8	34.92	F1	0.587	Total output: Max	.30W
240V/50Hz	0.278	0.8	35.02	F1	0.278	Total output: Max	.30W
240V/60Hz	0.276	0.8	34.12	F1	0.276	Total output: Max	.30W
264V/50Hz	0.253	C Standar Of Glove	34.78	F1 C	0.253	Total output: Max	.30W
264V/60Hz	0.254		34.76	F1	0.254	Total output: Max	.30W
Note(s): Mod	e A is selec	ted the most ur	nfavourable	conditions	The the plance	S Standon - Contract	C Alesadon of C
2.1.1.5c)1)	TABLE: n	nax. V, A, VA te	est	20	- CC		P
Voltage (ra	ted) (V)	Current (rate	d) (A)	Voltage (max	(V)	Current (max.) (A)	VA (max.) (V
Турес-	C: 5	3		4.94	The state	3.3	14.70
USB:	5	2.1	100	4.94	C Attestation of	7.9	33.68

2.1.1.5c)2	2) TABLE: sto	red energy	THE SAL	「「「「」		Boba Come	Fration of Glot	N C
	Capacitance	C (µF)		Volt	age U (V)		Er	nergy E (J)
The Compliance	The Stand Company	C Anestanon	c.C	Allesia	9			-

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#### Report No.: AGC00293181104ES01 Page 44 of 54

Note(s):				
		the same	C A station of Give C A	ation of Clober
2.2	TABLE: evaluation of voltage limiting co	omponents in SELV	circuits	Р
		max. voltage (	V) (normal operation)	Voltage Limiting
Component	Component (measured between)		Vd.c.	Components
0	T1 output	26.4	Francia Complex	C Allestation of
Fault test pe	erformed on voltage limiting components	Voltage measu	red (V) in SELV circu	its (V peak or V d.c.)
C Anostation of Clou				
Note(s):				B. The state

2.5	TABLE: limited power source m	easurement	Allestation C	Muestanoo	Р
Measured Uoc (V) with all load circuits disconnected:		lsc (	(A)	VA	I
		Meas.	Limit	Meas.	Limit
Туре-С		·	·		
Normal		3.3	8	14.70	100
U4 Pin5-1,	S-C	0	8	0	100
U1 Pin1-8,	S-C	0	8	0	100
USB					
Normal		7.9	8	33.68	100
U4 Pin5-1,	S-C	0	8	0	100
Note(s): S-	C=Short circuit	No. 10	The the main of the	The second	e de

	The marker B & France	Come a comme	C There are a
2.10.2 TABLE: Working	voltage measurement	GC NC	Р
Location	RMS voltage (V)	Peak voltage (V)	Comments
T1: pin 1 to pin 7	220	348	Complaines Company Cool
T1: pin 3 to pin 7	221	420	<u> </u>
T1: pin 4 to pin 7	210	332	
T1: pin 6 to pin 7	265	544	福
T1: pin 1 to pin 8	222	388	Totopal Contra
T1: pin 3 to pin 8	224	460	
T1: pin 4 to pin 8	210	340	
T1: pin 6 to pin 8	270	552	Max. V <sub>peak</sub> & Max. V <sub>RMS</sub>
CY1: pri. to sec.	218	344	C The second Con-
U2: pin 1 to pin 3	222	348	
U2: pin 1 to pin 4	222	348	- Mit



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#### Report No.: AGC00293181104ES01 Page 45 of 54

U2: pin 2 to pin 3	222	348	starce The completion
U2: pin 2 to pin 4	222	348	C The sales of Color
Note(s):	C The stand Clabba		C SC

2.10.3 and 2.10.4	TABLE: clearance	e and creepage	distance mea	asurements	No. 10		F P
Clearance cla distance dcr a	and creepage at/of:	U p (V)	U r.m.s. (V)	Required cl (mm)	cl (mm)	Required dcr (mm)	dcr (mm)
Primary trace polarity before	s of different e current fuse	<420	<250	1.5	3.4	2.5	3.4
Trace under current fuse		<420	<250	1.5	3.6	2.5	3.6
Trace under	Г1 👔	552	270	4.4	8.9	5.4	8.9
Trace under (	CY1	344	218	4.0	7.2	5.0	>7.2
Trace under U2		348	222	4.0	6.0	5.0	6.0
Wireless wind	ling to Pri.	<420	<250	<b>4.0</b>	10.3	5.0	>10.3
Note(s):	-711	The Compliance	The state	ad Compliance C	Attestation of	Allestation	S

2.10.5 TABLE: distance through insulatio	The the plane	P. Converse		
Distance through insulation di at/of:	U r.m.s. (V)	Test voltage (V)	Required di (mm)	di (mm)
Enclosure	240	3000	0.4	Min. 1.5
Bobbin	240	3000	0.4	Min. 1.0
2 layers of insulating tape	240	3000	3 layers	3 layers
Plastic material between PCB and wireless coil	240	3000	0.4	Min. 1.5
Note(s):	Alles C	0	No	

							-mill		Comp
4.3.8	TABLE: Batt	eries			在 相 一	nce.	The Compliance	8 5	Toron Cool N
The tests of not available	4.3.8 are appli	cable only v	when approp	riate batter	y data is	C Atesator		GC »	N
Is it possible	to install the b	pattery in a r	everse polar	rity position	?	lin-		litter -	N
	Non-ree	chargeable	batteries			Rechargeat	ole batteri	es	
	Disch	Discharging Uninten-		Charging		Discharging		Reverse Charging	
C The Solar Const	Meas. Current	Manuf. Specs.	tional charging	Meas. Current	Manuf. Specs.	Meas. Current	Manuf. Specs.	Meas. Current	Manuf. Specs.
Max. current during norma condition		1	J The The second		Kalanda a Companya	C The second of the	A Completion	The succession of Contract	Generation
Max. current during fault condition	The Comment	GC <sup>®</sup>	Grad Color	C Alestadon of	P.C				The The The

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#### Report No.: AGC00293181104ES01 Page 46 of 54

Test result	ts: C C C C C C C C C C C C C C C C C C C	Verdict
- Chemica	al leaks	E autono Cooler Course
- Explosio	n of the battery	
- Emissior	n of flame or expulsion of molten metal	
- Electric s	strength tests of equipment after completion of tests	The Compile
Note(s):	The the second sec	C. Andrews
Th	Brown A Brown P Brown P Brown P	Co No
4.3.8	TABLE: Batteries	N
Battery ca	itegory:	THE MATCH OF THE ACOUNT
Manufactu	urer	a C American
Type/mod		

Voltage, Capacity		(10)	All and and
Circuit protection diagram			
-	K Company The There	S Thestallor of the states	
MARKINGS AND INSTRUCTIONS (1.7.	12, 1.7.15)		
Location of replaceable battery	- C		The THE
Language(s)		the more of the contraction	C # min a Clobal
Close to the battery		Come California	
In the servicing instructions	······	No. No.	
In the operating instructions			THE MARCE
Note(s):	The the subme	The Completion	Gobal Colling
	ne o - F dologi com e g	E Jon of Contract of Contract	A.C.

4.5	TABLE: maximum temperatures	desain and here		Р	
GC	Test voltage (V) :	a):100V×0.9/60Hz b):240V×1.1/50Hz;			
movimum t	emperature T of part/at:	T (	(°C)	allowed	
		a)	b)	Tmax (°C)	
CON1	C The C	60.5	59.3	70	
L1 winding		76.8	73.3	120	
CX1		79.7	74.2	100	
L2 winding	Entering and the second contract of the second	81.9	72.3	120	
EC2	-C	91.8	85.7	130	
U2		83.8	81.0	100	
CY1	The second second	95.0	93.7	125	
PCB near T	1 and HS1	112.1	107.9	130	
T1 Coil		109.4	109.1	110	
			The month	1 200	

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#### Report No.: AGC00293181104ES01 Page 47 of 54

T1 bobbin			10	1.2	. 6	100.4	110
			10	1.2	The Comp	100.4	110
L3 winding	Th	Compliance	11	8.2	te tation of C	117.4	120
EC5	C The station of Gio	0 <sup>01 -</sup>	10	4.5		103.2	105
PCB near HS2	Aller	CC M	10	7.6		106.6	130
Wireless winding			87	7.7 🔬	1	86.4	120
Plastic material between PCB and wireless coil		110.4		107.5		120	
Internal enclosure near wireless winding		95.0		93.4		120	
External enclosure near wireless	s winding		87.3		86.9		95
Internal enclosure near T1			86.6		86.6		120
External enclosure near T1	THE R	3	72	2.1	72.1		95
Ambient	Stobal Compliant	A F Tol Globa	2	5.0	-C M	25.0	
Temperature T of winding	t <sub>1</sub> (°C)	R <sub>1</sub> (Ω)	t <sub>2</sub> (°C)	R <sub>2</sub> (Ω)	T (°C)	Allowed T <sub>max</sub> (°C)	Insulation Class
					The monolian		

Note : Having a specified maximum ambient temperature of 25°C; Mode A is selected the most unfavourab conditions

4.5.5	TABLE: ball pressure test of the	ermoplastic parts	11	T P
20	allowed impression diameter (m	m):	≤2 mm	
Part			Test temperature(°C)	Impression diameter (mm)
Attestation	AC inlet (CON1)		125	0.6
Note(s):		The Compliance	The the company	B the sale of Global

4.7	TABLE	E: Resistance to fire	C M CC		G	Р
	Part	Manufacturer of material	Type of material	Thickness (mm)	Flammability class	Evidence
		· · · ·	11 <sup>22</sup>	a company	Jobal Cu	
Note(s	s): refer to table	e 1.5.1	Auestalion	CC Allest	No.	

5.1	TABLE: touch current measurement	nt		The compliance	• P tond
Measured between:		Measured(mA)	Limit(mA)	Comments/co	onditions
L/N and output		0.095	0.25		
C tailon of Globs	L/N and enclosure	0.05	0.25	-7	<u>M</u>
Note(s):		-11	The tamplance	The Comple	

5.2	TABLE: electric strength tests and impulse tests	60 V	6	Р
Test voltage applied between:		Test voltage (V)	Break	down

#### Report No.: AGC00293181104ES01 Page 48 of 54

Attestation of Giv	L/N and Adapter enclosure	3000	No breakdown
	L/N and output	3000	No breakdown
HE mance	T1 primary to secondary	3000	No breakdown
(B) Joal Com	T1 core to secondary	3000	No breakdown
-C	2 layers of insulating tape	3000	No breakdown
9	Plastic material between PCB and wireless coil	3000	No breakdown

5.3	TABLE: fault condition tests				The same	P		
	amb	ambient temperature (°C):				23.2-24.6		
(R) <i>titu</i>	rated markings of power supply:							
Component no.		Fault	Test voltage (V)	Test time	Fuse no.	Result		
BD1		S-C	264V	5min	F1	F1 opened immediately, no hazards.		
C1		S-C	264V	5min	F1	F1 opened immediately, no hazards.		
D2		S-C	264V	10min	F1	Unit shutdown immediately, no hazards		
U1 Pin 5-6		S-C	264V	5min	F1	F1 opened immediately, no hazards.		
Q1,1-2		S-C	264V	5min	F1	F1 opened immediately, no hazards.		
U2, Pin 1-2		S-C	264V	10min	F1	Unit shutdown immediately, no hazards		
U2, Pin 3-4		S-C	264V	10min	F1	Unit shutdown immediately, no hazards		
U2, Pin 1		0-C	264V	10min	F1	Unit shutdown immediately, no hazards		
U2, Pin 4		O-C	264V	10min	F1	Unit shutdown immediately, no hazards		
Q2, 1-2		S-C	264V	10min	F1	Unit shutdown immediately, no hazards		
R26		S-C	264V	10min	F1	Unit shutdown immediately, no hazards		
Type-C output / USB output		S-C	264V	10min	F1	Unit shutdown immediately, no hazards		
Type-C output		O-L	264V	5h	F1	Until unit shutdown, Max. Temperature T1 coil= 126.4°C, no hazards.		
USB output O-L		264V	5h	F1	Until unit shutdown, Max. Temperature T1 coil= 130.2°C, no hazards.			
Wireless output		0-L	264V	5h	F1	Until unit shutdown, Max. Temperature T1 coil= 144.6°C, wireless winding: 94.2°C, no hazards.		

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Report No.: AGC00293181104ES01 Page 49 of 54

#### Attachment A Photos of product



Fig.1 – Overall view



Fig.2 – Overall view

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Report No.: AGC00293181104ES01 Page 50 of 54

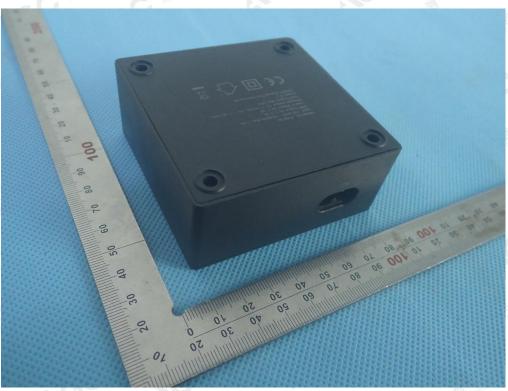


Fig.3 - Overall view



Fig.4 - Part view



Report No.: AGC00293181104ES01 Page 51 of 54

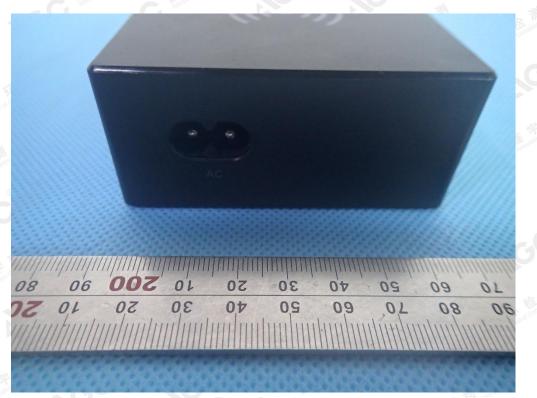


Fig.5 – Part view



Fig.6 – Part view

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#### Report No.: AGC00293181104ES01 Page 52 of 54

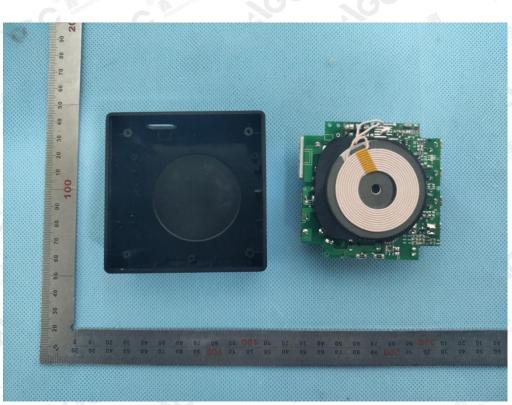


Fig.7 - Part view

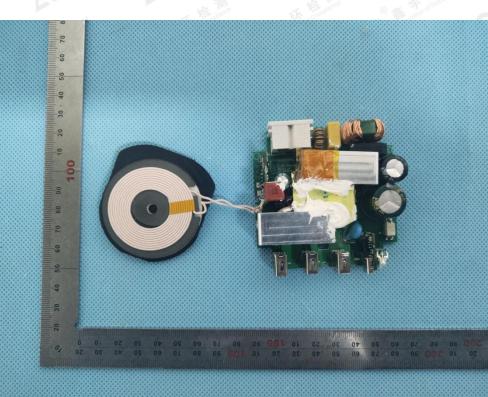


Fig.8 – Part view

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Report No.: AGC00293181104ES01 Page 53 of 54



Fig.9 – Part view

