

# **Safety Test Report**

Report No.: AGC08501161101ES01

PRODUCT DESIGNATION Open-Source Sensor Beacon

**BRAND NAME** Ruuvi

**MODEL NAME** RuuviTag

CLIENT Ruuvi Innovations Ltd.

**DATE OF ISSUE** Nov. 22, 2016

STANDARD(S) EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:201

REPORT VERSION

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

## **CAUTION:**

This report shall not be reproduced except in full without the written permission of the test laboratory and shall not be quoted out of context.



The results shown this jest report 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 XCC, this document cannot be reproduced except in full with our prior written permission. The more details and the authenticity of the report will be



Page 2 of 48

## **TEST REPORT**

# EN 60950-1

# Information technology equipment-Safety-Part 1: General requirements

Report Reference No...... AGC08501161101ES01

Tested by (+ signature) ...... Danna Qiu

Reviewed by (+ signature) ...... Jenny Li

Matte He Approved by (+signature) .....

(Authorized Officer)

Date of issue ...... Nov. 22, 2016

Contents : Total 48 pages.

**Testing laboratory** 

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

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

Jernyli mette tle

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

Applicant

Name...... Ruuvi Innovations Ltd.

Address ...... c/o Solventia Rauhankatu 20B20, 06100 Porvoo, Finland

Manufacturer

Name...... Ruuvi Innovations Ltd.

Address ...... c/o Solventia Rauhankatu 20B20, 06100 Porvoo, Finland

**Test specification** 

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

Test procedure ...... Type test

Procedure deviation...... N/A

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

Test Report Form/blank test report

Test Report Form No...... AGC60950A7

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

Master TRF ...... Dated 2014-04

The results showed this jest report 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 ACC, 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 attp://www.agc.gent.com.



Page 3 of 48

Test item	
Product designation: Open-Source S	ensor Beacon
Brand name Ruuvi	<b>大龙</b> 大龙
Test model RuuviTag	
Series model N/A	CO CO
Rating(s) DC3.0V (suppli	ed by button cell)
Particulars	
Equipment mobility:	
Connection to the mains:	□pluggable equipment □ type A □type B
Connection to the mains	permanent connection
C.C.	☐ detachable power supply cord ☐ non-detachable power supply cord
	☐ not directly connected to the mains
Operating condition:	⊠continuous
A Training of the same of the	rated operating/ resting time:
Access location:	□ operator accessible     □ restricted access location
Over voltage category(OVC):	□OVC I □OVC II □OVC IV ⊠other
Mains supply tolerance(%) or absolute mains supply values	N/A
Tested for IT power systems:	□Yes ⊠No
IT testing, phase-phase voltage(V)::	N/A
Class of Equipment:	☐Class I ☐Class II ☐Class III ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐
Considered current rating of protective device as part of the building installation (A):	N/A
Pollution degree(PD)	□PD 1 □PD3
Protection against ingress of water	IPX0
Altitude during operation (m):	2000m
Altitude of test laboratory (m)	<500m
Mass of equipment (kg):	Less 0.1kg
Test case verdicts	- C 1 10 10 10 10 10 10 10 10 10 10 10 10 1
Test case does not apply to the test object:	N (/A)
Test item does meet the requirement:	P (ass)
Test item does not meet the requirement:	F (ail)
Testing	C C C
Date of receipt of test item:	Nov. 15, 2016
Date(s) of performance of test	Nov. 16 – Nov. 21, 2016

The results shown this jest report 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 attr://www.agc.cert.com.



Page 4 of 48

@ 400 089 2118

#### **Attachment**

Attachment A.....: Photos of product

#### General remarks

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

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

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

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

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

Report Revise Re	cord:	极测	梅那	不 地
Report Version	Revise Time	Issued Date	Valid Version	Notes
V1.0	100	2016-11-22	Valid	Original report

## **General product information**

The product supplied by button cell, which considered as moveable and Class III (supplied by SELV). Instructions and equipment marking related to safety is applied in the language that is acceptable in the country in which the equipment is to be sold.

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

## **Summary of testing**

The test item passed.

## Copy of marking plates

The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks.



## Remark:

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

The results shown this jest report 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 attp://www.agc.gent.com.

No.16 E

Tel: +86-755 2908 1955 Fax: +86-755 2600 8484 E-mail: agc@agc-cert.com

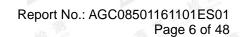
Add: 2F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



Page 5 of 48

EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdic
	111 111	· · · · · · · · · · · · · · · · · · ·	F Joseph Co
1	GENERAL	C C	Р
人 地 下		100	
1.5	Components	100	P
1.5.1	General	# W # T	Р
;C**	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)	CP The state of
1.5.2	Evaluation and testing of components	Components which are certified to IEC/EN and/or national standards are used correctly within their ratings. Components not covered by IEC/EN standards are tested under the conditions present in the equipment.	P
1.5.3	Thermal controls	No any thermal controls.	N
1.5.4	Transformers	No transformers.	N
1.5.5	Interconnecting cables	The state of the s	N
1.5.6	Capacitors bridging insulation	No such capacitor.	N
1.5.7	Resistors bridging insulation	No such components.	N
1.5.7.1	Resistors bridging functional, basic or supplementary insulation	· 在型 · 玩意期	N
1.5.7.2	Resistors bridging double or reinforced insulation between a.c. mains and other circuits	CC CC	N
1.5.7.3	Resistors bridging double or reinforced insulation between a.c. mains antenna or coaxial cable		M N
1.5.8	Components in equipment for IT power systems	The state of the s	N
1.5.9	Surge suppressors	No such parts.	N
1.5.9.1	General	0	N
1.5.9.2	Protection of VDRs		N
1.5.9.3	Bridging of functional insulation by a VDR	是	N
1.5.9.4	Bridging of basic insulation by a VDR	- 132 - GU	N
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR	NGO IN	N
<b>\</b> C	- 10 - I	不是 不	
1.6	Power interface	4 T 100 - 10 T 100 C	U <sub>P</sub>

The results showed this jest report 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 AQC, 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.agc-cert.com. AGC 8

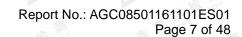




	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict	
1.6.1	AC power distribution systems	No direct mains connection.	N	
1.6.2	Input current	(See appended table 1.6.2)	Р	
1.6.3	Voltage limit of hand-held equipment	<250V	Р	
1.6.4	Neutral conductor	Class III equipment, no neutral conductor.	N	

1.7	Marking and instructions	The state of the s	P
1.7.1	Power rating	See below	Р
~ 5.7	Rated voltage(s) or voltage range(s) (V)	DC3.0V(no show)	
30	Symbol for nature of supply, for d.c. only:		
16	Rated frequency or rated frequency range (Hz):		
# Manager	Rated current (mA or A):	CO DO	
1.7.1.2	Identification markings	11 11	P
Y <sub>O</sub>	Manufacturer's name or trademark or identification mark	Ruuvi	
杨	Type/model or type reference:	RuuviTag	
_ F Thursday	Symbol for Class II equipment only:	Class III equipment	
The same	Other marking and symbols	See marking plate.	
1.7.1.3	Use of graphical symbols	- 13.7.00	P
1.7.2	Safety instructions and marking	See report summary for detail	Р
1.7.2.1	General	See below.	Р
1.7.2.2	Disconnect devices	No such devices	N
1.7.2.3	Overcurrent protective device	Karana Sana	N
1.7.2.4	IT power distribution systems	- GO GO	N
1.7.2.5	Operator access with a tool		N
1.7.2.6	Ozone	T. T.	N
1.7.3	Short duty cycles	Equipment is designed for continuous operation.	N
1.7.4	Supply voltage adjustment:	No such devices used	N 🧌
30	Methods and means of adjustment; reference to installation instructions	8 N N 8 N	N N
1.7.5	Power outlets on the equipment	- CO	N
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference)	CO DO	N
1.7.7	Wiring terminals	The Barrier	N

The results showed this jest report 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 attp://www.agc-gert.com. AGC 8

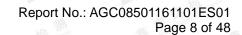




	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict	
1.7.7.1	Protective earthing and bonding terminals:	Class III equipment, no protective earthing	N	
1.7.7.2	Terminal for a.c. mains supply conductors	C - C	N	
1.7.7.3	Terminals for d.c. mains supply conductors	100 10	N	
1.7.8	Controls and indicators	63	P	
1.7.8.1	Identification, location and marking:	It is obviously unnecessary.	N	
1.7.8.2	Colours:	The colours used for LED are indicating function. No safety consideration.	P	
1.7.8.3	Symbols according to IEC 60417		N	
1.7.8.4	Markings using figures	Not applicable.	N	
1.7.9	Isolation of multiple power sources:	No direct connection to mains supply	N	
1.7.10	Thermostats and other regulating devices	No thermostats or other regulating devices used inside battery pack are not adjustable during normal use.	N	
1.7.11	Durability	The marking withstands required tests.	Р	
1.7.12	Removable parts	No such parts.	<sub>M</sub> N	
1.7.13	Replaceable batteries	Non-rechargeable button cell used. Warning text on the user manual and service manual.	P	
-1111	Language(s)	English		
1.7.14	Equipment for restricted access locations:		N	

2	PROTECTION FROM HAZARDS	T	P
2.1	Protection from electric shock and energy hazards	No hazardous parts in operator access areas.	Р
2.1.1	Protection in operator access areas	到 压整	Р
2.1.1.1	Access to energized parts	No energized parts.	Р
	Test by inspection	43.00	
	Test with test finger(Figure 2A)		
-C	Test with test pin (Figure 2B)		
	Test with test probe (Figure 2C)	THE THE PERSON NAMED IN COLUMN	
2.1.1.2	Battery compartments:		N
2.1.1.3	Access to ELV wiring	CO P	N
10	Working voltage (Vpeak or Vrms); minimum distance (mm) through insulation	<b></b>	
2.1.1.4	Access to hazardous voltage circuit wiring	5 C	N

The results showed this jest report 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 Attp://www.agc-gert.com.





	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
2.1.1.5	Energy hazards:	No energy hazard in operator access area.	P		
2.1.1.6	Manual controls	-C	N		
2.1.1.7	Discharge of capacitors in equipment	No primary circuit.	N		
aton of Global C	Time-constant (s); measured voltage (V):	100			
2.1.1.8	Energy hazards – d.c. mains supply	Not directly connect to mains supply	N		
TIME .	a)Capacitor connected to the d.c. mains supply:	-C	N		
St.	b)Internal battery connected to the d.c. mains supply:		N		
2.1.1.9	Audio amplifiers	No any amplifiers	N		
2.1.2	Protection in service access areas	- C	N		
2.1.3	Protection in restricted access locations	-C*	N		

2.2	SELV circuits		P
2.2.1	General requirements	42.4V peak or 60VDC are not exceeded in SELV circuit under normal operation or single fault condition.	O P
2.2.2	Voltages under normal conditions (V)	Within SELV limits.	Р
2.2.3	Voltages under fault conditions (V)	Within SELV limits.	Р
2.2.4	Connection of SELV circuits to other circuits:	20 - 200	N

2.3	TNV circuits	不是	N
2.3.1	Limits	No TNV circuits.	N
人性	Type of TNV circuits	GO	N
2.3.2	Separation from other circuits and from accessible parts		N
2.3.2.1	General requirements	<b>不</b>	N
2.3.2.2	Protection by basic insulation	60	N
2.3.2.3	Protection by earthing	D E	N
2.3.2.4	Protection by other constructions:		N N
2.3.3	Separation from hazardous voltages	E STATE OF	N
litte:	Insulation employed:	C 3.20 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	N
2.3.4	Connection of TNV circuits to other circuits	CO P	N
	Insulation employed:		N
2.3.5	Test for operating voltages generated externally	The state of the s	N

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8



Page 9 of 48

	EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict	
2.4	Limited current circuits	100	N	
2.4.1	General requirements	No limited current circuits to be evaluated.	N	
2.4.2	Limit values	, , , , , , , , ,	N	
F ACTORNATION	Frequency (Hz)		N	
and the latest of the latest o	Measured current (mA)	T. T.	N	
-111	Measured voltage (V)	T. T. Sandara	N	
S CONTROL OF THE PARTY OF THE P	Measured capacitance (nF or μF)	- 18	N	
2.4.3	Connection of limited current circuits to other circuits		N	

2.5	Limited power sources		P
and the distance of Chicago	a)Inherently limited output	Lithium manganese dioxide button battery used.	Р
\G	b)Impedance limited output	T B TO THE	N
	c)Regulating network limited output under normal operating and single fault condition	A COMPANY NO	∪ N
不不	d)Overcurrent protective device limited output		N
The state of the s	Max. output voltage (V), max. output current (A), max. apparent power (VA):	<b>工厂</b> 基本	
lite-	Current rating of overcurrent protective device (A)	C.3 C.G	N
The same of the sa	Use of integrated circuit (IC) current limited	0 10	N

2.6	Provisions for earthing and bonding		N
2.6.1	Protective earthing	Class III equipment.	N
2.6.2	Functional earthing	100 10	N
station of G	Use of symbol for functional earthing	鱼	M N
2.6.3	Protective earthing and protective bonding conductors	是不是一个。 一下是一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一	N
2.6.3.1	General		N
2.6.3.2	Size of protective earthing conductors		N
30	Rated current (A), cross-sectional area (mm2), AWG	E SEE	N
2.6.3.3	Size of protective bonding conductors	C. 100	N
KSL a Compliance	Rated current (A), cross-sectional area (mm2), AWG:	NO.	N

The results shown this jest report 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 ASC, 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 attp://www.agc-gert.com. AGC 8



Page 10 of 48

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
2.6.3.4	Resistance of earthing conductors and their terminations, resistance( $\Omega$ ), voltage drop(V),test current (A), duration(min)	A THE TOTAL OF THE PARTY OF THE	N S
2.6.3.5	Colour of insulation	1 . 60	N
2.6.4	Terminals		N
2.6.4.1	General	The state of the s	N
2.6.4.2	Protective earthing and bonding terminals	The state of the s	N
Total and a	Rated current (A), type and nominal thread diameter (mm)	28 FO. 54	N
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors	E	N
2.6.5	Integrity of protective earthing	- 30	N
2.6.5.1	Interconnection of equipment	30	N
2.6.5.2	Components in protective earthing conductors and protective bonding conductors	E BELL	N
2.6.5.3	Disconnection of protective earth	The state of the s	N
2.6.5.4	Parts that can be removed by an operator	20, 20	N
2.6.5.5	Parts removed during servicing		∌ N
2.6.5.6	Corrosion resistance	The transfer of the state of th	N
2.6.5.7	Screws for protective bonding	- 5 3 · · · · · · · · · · · · · · · · · ·	N
2.6.5.8	Reliance on telecommunication network or cable distribution system	CO 500	N

2.7	Overcurrent and earth fault protection in primary circuits		N
2.7.1	Basic requirements	No primary circuits.	N
The designation	Instructions when protection relies on building installation	70 10	N
2.7.2	Faults not covered in 5.3.7	提加	N
2.7.3	Short-circuit backup protection	- C	N
2.7.4	Number and location of protective devices:		N
2.7.5	Protection by several devices	-oil	N
2.7.6	Warning to service personnel:	我想 不是一	and Glad N

2.8	Safety interlocks	CO .	N
2.8.1	General principles	No safety interlocks	N
2.8.2	Protection requirements	The Market State of the State o	N
2.8.3	Inadvertent reactivation	5 To 10 To 1	N

The results shown this jest report 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 ASC, 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.agc-gert.com. AGC 8



Report No.: AGC08501161101ES01 Page 11 of 48

	EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict		
2.8.4	Fail-safe operation	10000000000000000000000000000000000000	N		
	Protection against extreme hazard	The state of the s	N		
2.8.5	Moving parts	-C - CO	N		
2.8.6	Overriding	10 10	N		
2.8.7	Switches and relays	11 5. 6	N		
2.8.7.1	Contact gaps (mm)	不 整 一 第 元	N		
2.8.7.2	Overload test	60 10	N		
2.8.7.3	Endurance test	7 E	N 👊		
2.8.7.4	Electric strength test		N N		
2.8.8	Mechanical actuators	· · · · · · · · · · · · · · · · · · ·	N		

2.9	Electrical insulation	100 D	N
2.9.1	Properties of insulating materials	Natural rubber, asbestos or hygroscopic materials are not used.	N
2.9.2	Humidity conditioning	4 3 mm	N
3	Humidity (%),temperature (°C)	CO.	N
2.9.3	Grade of insulation		<sub>M</sub> N
2.9.4	Separation from hazardous voltages	T. B. T. T.	N
	Method(s) used:	\$ 3 de la \$ 3 de	N

2.10	Clearances, creepage distances and distances	through insulation	N
2.10.1	General	Functional insulation only.	N
	Frequency	T. Comments of the Comments of	N
"格"	Pollution degrees	CO CO	N
The distribution	Reduced values for functional insulation		M N
~(	Intervening unconnected conductive parts	T. T.	N
	Insulation with varying dimensions	2 Th. 100 C 18 July 100 C 18 J	N
	Special separation requirements		N
- F	Insulation in circuits generating starting pulses		N
2.10.2	Determination of working voltage	10000000000000000000000000000000000000	N
2.10.3	Clearances	-0	N
2.10.3.1	General	-0	N
2.10.3.2	Mains transient voltages	10	N
~ C	a)AC mains supply:	18 T. B.	N
	b)Earthed d.c. mains supplies	4 7 3	N

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8



Page 12 of 48

EN 60950-1			
Clause	Requirement – Test	Result – Remark	Verdict
>C	c)Unearthed d.c. main supplies:	大电影 电影	N
	d)Battery operation:	The Fred County of Fred County Co.	N
2.10.3.3	Clearances in primary circuits	C C	N
2.10.3.4	Clearances in secondary circuits		N
2.10.3.5	Clearances in circuits having starting pulses	- SI	N
2.10.3.6	Transients from a.c. mains supply:	<b>不是</b>	N
2.10.3.7	Transients from d.c. mains supply:	10°	N
2.10.3.8	Transients from telecommunication networks and cable distribution systems:		N
2.10.3.9	Measurement of transient voltage levels	世 1	N
451	a)Transients from a mains supply	The state of the s	N
F The comme	For a.c. mains supply:	40	N
des de la companya de	For d.c. mains supply:		N
30	b)Transients from	环境, "	N
2.10.4	Creepage distances		N
2.10.4.1	General	1	N
2.10.4.2	Material group and comparative tracking index	10	N
	CTI tests	· · · · · · · · · · · · · · · · · · ·	N
2.10.4.3	Minimum creepage distances	Carried Carried	N
2.10.5	Solid insulation	00 10	N
2.10.5.1	General		N
2.10.5.2	Distances through insulation	10000000000000000000000000000000000000	N
2.10.5.3	Insulation compound as solid insulation	Country Co.	N
2.10.5.4	Semiconductor device	100 10	N
2.10.5.5	Cemented joints		A N
2.10.5.6	Thin sheet material - General	4.00	N
2.10.5.7	Separable thin sheet material	THE STATE OF THE S	- N
4	Number or layers(pcs)		N
2.10.5.8	Non-separable thin sheet material		N
2.10.5.9	Thin sheet material – standard test procedure	我想 不是	N
	Electric strength test	and the state of t	N
2.10.5.10	Thin sheet material – alternative test procedure	CO	N
Cons	Electric strength test		N
2.10.5.11	Insulation in wound components	不是 不是	N
2.10.5.12	Wire in wound components	E Today _ E	

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8



Page 13 of 48

	EN 60950-1	Т	
Clause	Requirement – Test	Result – Remark	Verdic
C	Working voltage:	1 电影	N.S.
	a)Basic insulation not under stress:	E F Contract	The N
7	b)Basic, supplementary, reinforced insulation:	2.G	N
T 1	c)Compliance with Annex U	10	N
and the same of th	Two wires in contact inside wound component; angle between 45° and 90°	拉测	N
2.10.5.13	Wire with solvent-based enamel in wound components	1 T. W.	SCN SCN
五节	Electric strength test		N
C'	Routine test	7	N N
2.10.5.14	Additional insulation in wound components	The state of the s	N N
五 五	Working voltage	4.C)*	N
installor of G	-basic insulation not under stress	10	N
~G	-Supplementary, reinforced insulation:	报 测	N S
2.10.6	Construction of printed boards	F 3/1	Z O N
2.10.6.1	Uncoated printed boards	60	N
2.10.6.2	Coated printed boards		a N
2.10.6.3	Insulation between conductors on the same inner surface of a printed board	- 学 环 特	N The state of the
2.10.6.4	Insulation between conductors on different layers of a printed board	CC	GC N
- 1	Distance through insulation		N <sub>s</sub>
00	Number of insulation layers(pcs)	1100	The North
2.10.7	Component external terminations	Colores Co.	gashiller da N
2.10.8	Tests on coated printed boards and coated components	300	N
2.10.8.1	Sample preparation and preliminary inspection	7/1	FK Million N
2.10.8.2	Thermal conditioning	<b>水</b>	N
2.10.8.3	Electric strength test	- Emilion	N
2.10.8.4	Abrasion resistance test		N
2.10.9	Thermal cycling	70	N
2.10.10	Test for Pollution Degree 1 environment and insulating compound		SC N
2.10.11	Test for semiconductor devices and cemented joints	P.Co.	N
2.10.12	Enclosed and sealed parts	根源	Sh Talenton N. J

The results shown this jest report 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 attp://www.agc.cent.com. No.16 E AGC 8



Page 14 of 48

	EN 60950	-1	
Clause	Requirement – Test	Result – Remark	Verdict
3	WIRING, CONNECTIONS AND SUPPLY	· · · · · · · · · · · · · · · · · · ·	P
3.1	General	# 1 mm	P
3.1.1	Current rating and overcurrent protection	Adequate cross sectional areas on internal wiring. No internal wire for primary power distribution.	Р
3.1.2	Protection against mechanical damage	Wires do not touch sharp edges that could damage the insulation and cause hazard.	P
3.1.3	Securing of internal wiring	Internal wiring is reliable secured	Р
3.1.4	Insulation of conductors	The insulation of the individual conductors is suitable for the application and the working voltage.	P
3.1.5	Beads and ceramic insulators	TI THE TAX OF THE PARTY OF THE	N
3.1.6	Screws for electrical contact pressure	C ***	N
3.1.7	Insulating materials in electrical connections	100	N
3.1.8	Self-tapping and spaced thread screws		N
3.1.9	Termination of conductors	· · · · · · · · · · · · · · · · · · ·	N
	10 N pull test	C CC N	N
3.1.10	Sleeving on wiring		N

3.2	Connection to a mains supply		N
3.2.1	Means of connection	Class III equipment	N
3.2.1.1	Connection to an a.c. mains supply		N
3.2.1.2	Connection to a d.c. mains supply	11 12 12 12 12 12 12 12 12 12 12 12 12 1	N
3.2.2	Multiple supply connections	<b></b>	N
3.2.3	Permanently connected equipment	CO CO	N
F The Comme Comme	Number of conductors, diameter (mm) of cable and conduits	10	
3.2.4	Appliance inlets	The state of the s	N
3.2.5	Power supply cords	a diameter	N
3.2.5.1	AC power supply cords		N
- C	Type	- 111	
9	Rated current (A), cross-sectional area (mm²), AWG	- C	
3.2.5.2	DC power supply cords	20 30	N
3.2.6	Cord anchorages and strain relief	10	N
<b>\</b> C	Mass of equipment (kg), pull (N)	<b>基</b>	
	Longitudinal displacement (mm)		

The results showed this jest report 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 attp://www.agc-gert.com. AGC 8



Page 15 of 48

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
3.2.7	Protection against mechanical damage	10000000000000000000000000000000000000	N	
3.2.8	Cord guards	# F 1000 _ F 1000 _ F	N	
4	D (mm); test mass (g)	-0"		
不 是	Radius of curvature of cord (mm)	10 10		
3.2.9	Supply wiring space	- Th. 15.	N	

3.3	Wiring terminals for connection of external cond	uctors	N
3.3.1	Wiring terminals		N 🦚
3.3.2	Connection of non-detachable power supply cords		N
3.3.3	Screw terminals	* * * * * * * * * * * * * * * * * * *	N
3.3.4	Conductor sizes to be connected	CO	N
<b>\G</b>	Rated current (A), cord/cable type, cross-sectional area (mm²)	The state of the s	
3.3.5	Wiring terminal sizes	# 1 mm	N
不管	Rated current (A), type and nominal thread diameter (mm)	CO. DO	
3.3.6	Wiring terminals design	18 TH	N
3.3.7	Grouping of wiring terminals	2 13 3 November 19 19 19 19 19 19 19 19 19 19 19 19 19	N
3.3.8	Stranded wire	-0" 60"	N

3.4	Disconnection from the mains supply		N
3.4.1	General requirement	Class III equipment	N
3.4.2	Disconnect devices	3 - C - C C	N
3.4.3	Permanently connected equipment	100	N
3.4.4	Parts which remain energized	不管	N
3.4.5	Switches in flexible cords	The State of	N
3.4.6	Single-phase equipment and d.c. equipment	60	N
3.4.7	Three-phase equipment		N
3.4.8	Switches as disconnect devices		N N
3.4.9	Plugs as disconnect devices	T. B. T.	N
3.4.10	Interconnected equipment	in City	N
3.4.11	Multiple power sources	-GO D	N

3.5	Interconnection of equipment	T. T	P
3.5.1	General requirements	C 3 - C 3	Р

The results shown this jest report 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 ASC, 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 attp://www.agc-gert.com. AGC 8



Page 16 of 48

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
3.5.2	Types of interconnection circuits:	SELV circuit only.	Р	
3.5.3	ELV circuits as interconnection circuits	No ELV interconnections.	N	
3.5.4	Data ports for additional equipment	-0	N	

4	PHYSICAL REQUIREMENTS		P
4.1	Stability	The the same of th	N
- TIM	Angle of 10°	13.00	N
200	Test: force (N)		N

4.2	Mechanical strength	· · · · · · · · · · · · · · · · · · ·	Р
4.2.1	General	See below	Р
Francisco Grand	Rack-mounted equipment.	CO	N
4.2.2	Steady force test, 10 N	1	N
4.2.3	Steady force test, 30 N	The state of the s	N
4.2.4	Steady force test, 250 N	250N applied to outer enclosure. No energy or other hazards.	Р
4.2.5	Impact test	::11	M N
The same	Fall test	<b>玉龙</b>	N
	Swing test		N
4.2.6	Drop test; height(m):	1m; No damage of the enclosure, no energy hazards or damage to enclosure integration after the test.	Р
4.2.7	Stress relief test	70℃, 7hours, no hazard.	# P
4.2.8	Cathode ray tubes	No cathode ray tube.	N
不是	Picture tube separately certified	100 100	N
4.2.9	High pressure lamps	No high pressure lamp	N
4.2.10	Wall or ceiling mounted equipment; force (N):	E To Hand	N

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

The results shown this jest report 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 ASC, 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.agc-cert.com. AGC 8



Page 17 of 48

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
<b>\</b> G	Torque:	工程 一根那	N	
	Compliance with the relevant mains plug standard	- C	N	
4.3.7	Heating elements in earthed equipment	No heating elements.	N	
4.3.8	Batteries	Lithium manganese dioxide button cell used.	Р	
	-Overcharging of a rechargeable battery	The Section of the Section of Sec	N	
	-Unintentional charging of a non-rechargeable battery	CO N	Р	
- B.	-Reverse charging of a rechargeable battery		N	
30	-Excessive discharging rate for any battery	也是 不是	P And Charles	
4.3.9	Oil and grease	No Oil and grease.	N	
4.3.10	Dust, powders, liquids and gases	Equipment in intended use not considered to be exposed to these.	N	
4.3.11	Containers for liquids or gases	No containers for liquids or gases	N	
4.3.12	Flammable liquids	The equipment does not contain flammable liquid.	O N	
極	Quantity of liquid (I):	60	N	
= Fatologican	Flash point (°C):		₩ N	
4.3.13	Radiation; type of radiation:	The Manager of The State of The	Р	
4.3.13.1	General		Р	
4.3.13.2	Ionizing radiation	No ionizing radiation	N	
	Measured radiation (pA/kg):			
CO	Measured high-voltage (kV):	· · · · · · · · · · · · · · · · · · ·		
	Measured focus voltage (kV):		<b></b>	
<b>拉拉</b>	CRT markings			
4.3.13.3	Effect of ultraviolet (UV) radiation on materials	No ultraviolet radiation	N	
13C	Part, property, retention after test, flammability classification	<b>水</b> 植剂	N	
4.3.13.4	Human exposure to ultraviolet (UV) radiation:		N	
4.3.13.5	Lasers (including laser diodes) and LEDs	LEDs for indicator only	Р	
4.3.13.5.1	Lasers (including laser diodes)	10	I N	
	Laser class	The second second		
4.3.13.5.2	Light emitting diodes (LEDs)	C		
4.3.13.6	Other types:	- CO	N	

4.4	Dretection excinct because we wind next	The Samuel	2 3V 300	
4.4	Protection against hazardous moving parts	The Country of the Co		, IN

The results shown this jest report 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 a true; //www.agc-gert.com. AGC 8



Page 18 of 48

EN 60950-1					
Clause	Requirement – Test	Result – Remark	Verdict		
4.4.1	General	No hazardous moving parts.	N		
4.4.2	Protection in operator access areas	The state of the s	N		
不 拉丁	Household and home/office document/media shredders	CC CC	N		
4.4.3	Protection in restricted access locations		N		
4.4.4	Protection in service access areas	超調 里式	N		
4.4.5	Protection against moving fan blades	-C	N N		
4.4.5.1	General		N		
A 4 7	Not considered to cause pain or injury. a)		N		
30	Is considered to cause pain, not injury. b)	也 不是	na cara N		
极	Considered to cause injury. c)	60	N		
4.4.5.2	Protection for users	30"	N		
Haran Salar	Use of symbol or warning		N		
4.4.5.3	Protection for service persons	The Samuel State of the Comment	N		
	Use of symbol or warning:	A Total	N		

4.5	Thermal requirements		∰ P
4.5.1	General	The state of the s	Р
4.5.2	Temperature tests	(see appended table 4.5)	P
The state of the s	Normal load condition per Annex L	00	
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	No thermoplastic parts on which parts at hazardous voltage are directly mounted.	N

4.6	Openings in enclosures	投票	N
4.6.1	Top and side openings	- # X	N
	Dimensions (mm):		
4.6.2	Bottoms of fire enclosures		N
3	Construction of the bottom:	E TE	
4.6.3	Doors or covers in fire enclosures	60	N
4.6.4	Openings in transportable equipment	C.C.	N
4.6.4.1	Constructional design measures		N
20	Dimensions(mm)	The Barrier The The State of th	N
4.6.4.2	Evaluation measures for larger openings	13. C	N

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8



Report No.: AGC08501161101ES01 Page 19 of 48

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
4.6.4.3	Use of metallized parts	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N	
4.6.5	Adhesives for constructional purposes	The state of the s	N	
-11	Conditioning temperature (°C), time (weeks):	-0	) ·	

4.7	Resistance to fire	111 不整	P
4.7.1	Reducing the risk of ignition and spread of flame	Use of plastic with the required flammability classes.	P
i in	Method 1, selection and application of components wiring and materials	Method 1 used	) P
3C	Method 2, application of all of simulated fault condition tests	EN TEN	M N
4.7.2	Conditions for a fire enclosure	See appended table 1.5.1	Р
4.7.2.1	Parts requiring a fire enclosure	CO ES	N
4.7.2.2	Parts not requiring a fire enclosure	Battery complied with LPS, internal components are mounted on PCB rated V-1.	P
4.7.3	Materials	C. C.	Р
4.7.3.1	General	100	Р
4.7.3.2	Materials for fire enclosures	See appended table 1.5.1	P
4.7.3.3	Materials for components and other parts outside fire enclosures	A THE STATE OF THE PARTY OF THE	N
4.7.3.4	Materials for components and other parts inside fire enclosures	Internal components except small parts are V-2 or better.	Р
4.7.3.5	Materials for air filter assemblies	No air filter assemblies	N
4.7.3.6	Materials used in high-voltage components	No high voltage components.	N

5	ELECTRICAL REQUIREMENTS AND SIMULATED	ABNORMAL CONDITIONS	P
5.1	.1 Touch current and protective conductor current		N
5.1.1	General	The topper of the second of th	N
5.1.2	Equipment under test (EUT)	100	N
5.1.2.1	Single connection to an a.c. mains supply		N 剩
5.1.2.2	Redundant multiple connections to an a.c. mains supply	E TO THE TOTAL STATE OF THE PARTY OF THE PAR	N N
5.1.2.3	Simultaneous multiple connections to an a.c. mains supply	CC SCO	N
5.1.3	Test circuit	10-	N
5.1.4	Application of measuring instrument	在	N
5.1.5	Test procedure	The state of the s	N

The results shown this jest report 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 ASC, 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 Attp://www.agc-gert.com.

Add: 2F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

400 089 2118



Page 20 of 48

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
5.1.6	Test measurements	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	N
	Test voltage (V)	# F 1000	N
-10	Measured touch current (mA)	The state of the s	N
五 Th	Max. allowed touch current (mA)	10 10	N
auton at G	Measured protective conductor current (mA):	11 下意	N
	Max. allowed protective conductor current (mA) .:	The state of the s	N
5.1.7	Equipment with touch current exceeding 3.5 mA:	* CO \	N
5.1.7.1	General	) E	N
5.1.7.2	Simultaneous multiple connections to the supply		√ N
5.1.8	Touch currents to and from telecommunication networks and cable distribution systems and from telecommunication networks	TO BE THE LOCAL TO SERVICE AND ADDRESS OF THE LOCAL TO SERVICE AND	N
5.1.8.1	Limitation of the touch current to a telecommunication network and a cable distribution system	THE THE THE PARTY OF THE PARTY	N
	Test voltage (V)	83 C 82 VG	N
人炮	Measured touch current (mA)	100	N
F To a Carbon	Max. allowed touch current (mA)		M N
5.1.8.2	Summation of touch currents from telecommunication networks	The state of the s	N
70	a)EUT with earthed telecommunication ports:	30	N
C.S.	b)EUT whose telecommunication ports have no reference to protective earth		N

5.2	Electric strength	学 5000	C Finding	CO 1	N
5.2.1	General	200	Class III equipment	1	N
5.2.2	Test procedure		711	TK 整 1	N

5.3	Abnormal operating and fault conditions	43.00	P
5.3.1	Protection against overload and abnormal operation	(see appended table 5.3)	P
5.3.2	Motors		N
5.3.3	Transformers	No transformers	N
5.3.4	Functional insulation:	See appended table 5.3. Complies with c)	Р
5.3.5	Electromechanical components		N 🦸
5.3.6	Audio amplifiers in ITE:	T. T. Same	N

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8



Page 21 of 48

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
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	No flame emitted, no molten material emitted, no deformation of enclosure	Р	
5.3.9.1	During the tests	No hazards.	Р	
5.3.9.2	After the tests	No fire, no danger.	Р	

6	CONNECTION TO TELECOMMUNICATION NETWORKS	
6.1	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	
6.1.1	Protection from hazardous voltages	
6.1.2	Separation of the telecommunication network from earth	
6.1.2.1	Requirements	N 1
10	Test voltage (V)	
	Current in the test circuit (mA)	< G
6.1.2.2	Exclusions:	N

6.2	Protection of equipment users from overvoltages on telecommunication networks		N
6.2.1	Separation requirements	-C	N
6.2.2	Electric strength test procedure	100	N
6.2.2.1	Impulse test	1	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 system from overheating		N
	Max. output current (A):	E TO THE STATE OF	
	Current limiting method:	-C	

7	CONNECTION TO CABLE DISTRIBUTION SYSTEMS		
7.1	General	在	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	PCC TO PCC	N
7.3	Protection of equipment users from overvoltages on the cable distribution system	THE REAL PROPERTY.	Z C N

The results shown this jest report 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 ASC, 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.agc-cert.com. AGC S



Page 22 of 48

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
7.4	Insulation between primary circuits and cable distribution systems	是 环境 一	N	
7.4.1	General	C. CC.	N	
7.4.2	Voltage surge test	100 100	N	
7.4.3	Impulse test	100	N	

The results shown this jest report 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.agc-gert.com.



Page 23 of 48

EN 60950-1				
Clause	Requirement – Test	Result – Remark	Verdict	
A	ANNEX A, TESTS FOR RESISTANCE TO HEAT	AND FIRE	N	
A.1	Flammability test for fire enclosures of movable exceeding 18 kg, and of stationary equipment (se		N	
A.1.1	Samples	100		
and of Change	Wall thickness (mm)			
A.1.2	Conditioning of samples; temperature (°C):		N	
A.1.3	Mounting of samples	-6	N	
A.1.4	Test flame (see IEC 60695-11-3)	G N	N	
- F.	Flame A, B, C or D			
A.1.5	Test procedure	· 电型	N	
A.1.6	Compliance criteria	43 60	N	
F The com	Sample 1 burning time (s)	CO "		
Hardano I	Sample 2 burning time (s)			
10	Sample 3 burning time (s)			
A.2	Flammability test for fire enclosures of movable exceeding 18 kg, and for material and component 4.7.3.2 and 4.7.3.4)		N	
A.2.1	Samples, material			
7	Wall thickness (mm)			
A.2.2	Conditioning of samples	-0" 60"	N	
A.2.3	Mounting of samples	100	N	
A.2.4	Test flame (see IEC 60695-11-4)		N 🕏	
0	Flame A, B or C	下 B.		
A.2.5	Test procedure	-0-60	N	
A.2.6	Compliance criteria	10	N	
etation.	Sample 1 burning time (s)			
17	Sample 2 burning time (s):	The Barrier M. F. of Control		
	Sample 3 burning time (s)	43.00		
A.2.7	Alternative test acc. To IEC 60695-2-2, cl. 4 and 8	. D	N	
3	Sample 1 burning time (s)	· · · · · · · · · · · · · · · · · · ·		
	Sample 2 burning time (s)	- C		
KE PAR	Sample 3 burning time (s)	60		
A.3	Hot flaming oil test (see 4.6.2)	31 311	N	
A.3.1	Mounting of samples	<b>工艺</b>	N	
A.3.2	Test procedure	- 5 7	N	

The results shown this jest report 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 ASC, 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.agc-gert.com. AGC 8



Page 24 of 48

		EN 60950-1			
Clause	Requirement – Test		Result – Remark		Verdict
A.3.3	Compliance criterion		10000000000000000000000000000000000000	大	N

В	ANNEX B, MOTOR TESTS UNDER ABNORMAL 5.3.2)	CONDITIONS (see 4.7.2.2 and	N
B.1	General requirements	16	N N
100	Position:	E To Address	
100	Manufacturer	2.C	
Compliano	Туре:	C N	
A 40	Rated values:		
B.2	Test conditions	· 电影	N
B.3	Maximum temperatures		N
B.4	Running overload test	200	N
B.5	Locked-rotor overload test		N s
30	Test duration (days):	环境 一	
	Electric strength test: test voltage (V):	\$3.00 A	
B.6	Running overload test for d.c. motors in secondary circuits	Soo I	N
B.6.1	General	<b>**</b>	N
B.6.2	Test procedure	The state of the s	N
B.6.3	Alternative test procedure	60 - 60	N
B.6.4	Electric strength test; test voltage (V)		N
B.7	Locked-rotor overload test for d.c. motors in second	dary circuits	N
B.7.1	Test procedure	T	N
B.7.2	Alternative test procedure; test time (h):	CO TO	N
B.7.3	Electric strength test		<sub>M</sub> N
B.8	Test for motors with capacitors	The state of the s	N
B.9	Test for three-phase motors	A 15 - 15 - 15 - 15 - 15 - 15 - 15 - 15	N
B.10	Test for series motors	C.**	N
- 5	Operating voltage (V):		

С	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3.3)		N
ALL SA	Position:	No transformers	
old Courbin	Manufacturer:	100	
	Type:	拉腿 压整点	
	Rated values:	The state of the s	

The results shown this jest report 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 ASC, 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.agc-gert.com. AGC 8



Page 25 of 48

		A COL	
	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
~(	Method of protection	1 图 100	
C.1	Overload test	是 是 2000	N
C.2	Insulation	5° 2.0°	N N
· 环境	Protection from displacement of windings:	10	N

D	ANNEX D, MEASURING INSTRUMENTS FOR TOUCH-CURRENT TESTS (see 5.1.4)	N
D.1	Measuring instrument	N
D.2	Alternative measuring instrument	N 剩

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

F	ANNEX F, MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES	N
and the same	(see 2.10)	- T

G	ANNEX G, ALTERNATIVE METHOD FOR DETERMINING MINIMUM CLEARAN	CES N
G.1	Clearances	N
G.1.1	General	N
G.1.2	Summary of the procedure for determining minimum clearances	N
G.2	Determination of mains transient voltage (V):	N
G.2.1	AC mains supply	N
G.2.2	DC mains supply	N
G.2.3	Unearthed DC mains supply:	N
G.2.4	Battery operation:	N
G.3	Determination of telecommunication network transient voltage (V):	N N
G.4	Determination of required withstand voltage (V) . :	N
G.4.1	Mains transients and internal repetitive peaks:	N
G.4.2	Transients from telecommunication networks :	N
G.4.3	Combination of transients	N
G.4.4	Transients from cable distribution systems	N
G.5	Measurement of transient levels (V):	N
163 Compliance	a) Transients from a mains supply	N
	For an a.c. mains supply	N N
130	For a d.c. mains supply	N
	b) Transients from a telecommunication network	N

The results showed this jest report 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 Attp://www.agc-gert.com.



Page 26 of 48

	- 10°.		Gr 108"		
		EN 60950-1			
Clause	Requirement – Test	Result –	Remark		Verdict
G.6	Determination of minimum clearances	:	枪門	1位 700	N

Н	ANNEX H, IONIZING RADIATION (see 4.3.13)	N

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

K	ANNEX K, THERMAL CONTROLS (see 1.5.3 and 5.3.7)	N
K.1	Making and breaking capacity	Th N
K.2	Thermostat reliability; operating voltage (V):	N N
K.3	Thermostat endurance test; operating voltage (V):	NO
K.4	Temperature limiter endurance; operating voltage (V):	N
K.5	Thermal cut-out reliability	CN CN
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)			Р
L.1	Typewriters	-C	60	N
L.2	Adding machines and cash registers	10		N
L.3	Erasers		1000000	N ®
L.4	Pencil sharpeners	<b>环</b> 检	F Maria Carri	Ń
L.5	Duplicators and copy machines	S. Today	CO	N
L.6	Motor-operated files	10		N
L.7	Other business equipment		56 H	P

M	ANNEX M, CRITERIA FOR TELEPHONE RINGING SIGNALS (see 2.3.1)		
M.1	Introduction	0 50	N sal
M.2	Method A		N. N.
M.3	Method B	T TO THE STATE OF	N
M.3.1	Ringing signal	- F	N.C
M.3.1.1	Frequency (Hz):	700 P	
M.3.1.2	Voltage (V):		
M.3.1.3	Cadence; time (s), voltage (V):	The Committee of the Co	
M.3.1.4	Single fault current (mA):	- 5.20	

The results shown this jest report 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 ASC, 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 Attp://www.agc-gert.com.



•	•	_	•	•	_	•	_	_	_	•
0	г	ıg	е		2	7	С	f	4	8

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
M.3.2	Tripping device and monitoring voltage:	大龙 龙型	N
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage		N
M.3.2.2	Tripping device	100 10	N
M.3.2.3	Monitoring voltage (V):		N N

N-m	ANNEX N, IMPULSE TEST GENERATOR clause G.5)	S (see 2.10.3.4, 6.2.2.1, 7.3.2 and	N
N.1	ITU-T impulse test generators	CO D	N
N.2	IEC 60065 impulse test generator		N

#### ANNEX P, NORMATIVE REFERENCES P

q	ANNEX Q, Voltage dependent resistors (VDRS) (see 1	.5.9.1)	N
	-Preferred climatic categories:	of Country	N
	-Maximum continuous voltage:	'CO 53	N
华孙	-Combination pulse current:		N N
	Body of the VDR Test according to IEC 60695- 11-5:	· 等环境。	N
1111	Body of the VDR. Flammability class of material (min V-1):	C. CC.	N

R	ANNEX R, EXAMPLES OF REQUIREMENTS FOR QUEROGRAMMES	JALITY CONTROL	N
R.1	Minimum separation distances for unpopulated coated printed boards (see 2.10.6)	CC CC	N
R.2	Reduced clearances (see 2.10.3)	T. 18	N

S	ANNEX S, PROCEDURE FOR IMPULSE TESTII	NG (see 6.2.2.3)	N
S.1	Test equipment	: C ** E	N
S.2	Test procedure	- 10	N
S.3	Examples of waveforms during impulse testing	不 地	N

Tompines	ANNEX T, GUIDANCE ON PROTECTION AGAINST INGRESS OF WATER		N
3109	(see 1.1.2)	MIG	5

The results showed this jest report 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 AQC, 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 attp://www.agc-cert.com. AGC 8



Page 28 of 48

	EN 60950-	1	
Clause	Requirement – Test	Result – Remark	Verdict
J	ANNEX U, INSULATED WINDING WIRES FOR INSULATION (see 2.10.5.4)	USE WITHOUT INTERLEAVED	N to
	<b>我</b>	$C^*$	Ministration
V KE	ANNEX V, AC POWER DISTRIBUTION SYSTEM	MS (see 1.6.1)	N
V.1	Introduction	100	N
V.2	TN power distribution systems	· 在那	N
- TILL		-G**	C.O."
N	ANNEX W, SUMMATION OF TOUCH CURRENT	rs	N
W.1	Touch current from electronic circuits		N
W.1.2	Earthed circuits	· 电型 不是 一套	N
W.2	Interconnection of several equipments		N
W.2.1	Isolation	- CO. 30	N
W.2.2	Common return, isolated from earth		N
W.2.3	Common return, connected to protective earth	T. E. T.	N
	THE TABLE	- 3.3	30
X	ANNEX X, MAXIMUM HEATING EFFECT IN TRA	ANSFORMER TESTS (see clause	N
X.1	Determination of maximum input current	<b>基格</b>	N
X.2	Overload test procedure	- 5 3 4 6 6 5 4	N
ATT.	TE TO THE STATE OF	- CO CO	1
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONIN	IG TEST (see 4.3.13.3)	N
Y.1	Test apparatus	不	N
Y.2	Mounting of test samples	The state of the s	N
Y.3	Carbon-arc light-exposure apparatus:	20 20	N
Y.4	Xenon-arc light exposure apparatus		N
		不	omplanos
Z	ANNEX Z, OVERVOLTAGE CATEGORIES(see2	2.10.3.2 and Clause G.2)	N
	天 是 · · · · · · · · · · · · · · · · · ·	C . C .	O
AA	ANNEX AA, MANDREL TEST (see 2.10.5.8)	30	N
30	CO Pro		# The contract
ВВ	ANNEX BB, CHANGES IN THE SECOND EDITION	ON A STATE OF THE	
711	THE STATE OF THE S	-C**	
CC	ANNEX CC, Evaluation of integrated circuit (IC	) circuit limiters	N
CC.1	General	大型 大型	N
	Test program 1	SW THE SECOND	N

The results shown this jest report 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 ASC, 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 attp://www.agc-gert.com. AGC 8



Page 29 of 48

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
CC.3	Test program 2	10000000000000000000000000000000000000	N
CC.4	Test program 3	The state of the s	N
CC.5	Compliance:	-0	N

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

EE SAN	ANNEX EE, Household and home/office document/media shredders		Ν
EE.1	General		N
EE.2	Marking and instructions	T. B.	N
	Use of markings or symbols:	\$3.00 C	N
手环	Information of user instructions, maintenance and/or servicing instructions:	, SGO	N
EE.3	Compliance:	<b>张</b>	N
EE.4	Disconnection of power to hazardous moving parts:	-C************************************	N
TOTAL STREET	Use of markings or symbols:		N
EE.5	Protection against hazardous moving parts	11 技能	N
0	Test with test finger (figure 2A):	<b></b>	N
***	Test with wedge probe (figure EE1 and EE2):	and the same of th	N

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com.



Page 30 of 48

				EN 60950-1			
Clause	Requiren	nent – Test			Result – Re	mark	Verdict
< C	EN 60950	)-1:2006/A11:2	009/A1:2010	/A12:2011 – CEN	NELEC COMM	ON MODIFICATIONS	S
Contents (A2:2013)	Annex Z	following annex A (normative) B (normative) D (informative)	Normative republications publications Special nation	eferences to inter with their corresponal conditions NELEC code des	oonding Europ		P
General		I the —country g to the followir		reference docun	nent (IEC 6095	50-1:2005)	P
	1.4.8	Note 2	1.5.1	Note 2 & 3	1.5.7.1	Note	100
	1.5.8	Note 2	1.5.9.4	Note	1.7.2.1	Note 4, 5 & 6	2 Th to
	2.2.3	Note	2.2.4	Note	2.3.2	Note	- Ca
	2.3.2.1	Note 2	2.3.4	Note 2	2.6.3.3	Note 2 & 3	
	2.7.1	Note	2.10.3.2	Note 2	2.10.5.13	Note 3	T. T
	3.2.1.1	Note	3.2.4	Note 3	2.5.1	Note 2	A
	4.3.6	Note 1 & 2	4.7	Note 4	4.7.2.2	Note	
	4.7.3.1	Note 2	5.1.7.1	Note 3 & 4	5.3.7	Note 1	
	6	Note 2 & 5	6.1.2.1	Note 2	6.1.2.2	Note	700
	6.2.2	Note	6.2.2.1	Note 2	6.2.2.2	Note	ALCO .
	7.1	Note 3	7.2	Note	7.3	Note 1 & 2	VO.
	G.2.1	Note 2	Annex H	Note 2			
General A1:2010)		I the "country" g to the followir		eference docume	ent (IEC 60950	-1:2005/A1:2010)	P
	1.5.7.1	Note		6.1.2.1	Note 2		against of Goden
- T	6.2.2.1	Note 2	T Total	EE.3	Note	70	
General (A2:2013)	according 2.7.1 6.2.2.	g to the following Note * Note	ng list:	eference docume  2.10.3.1  Modification rem	Note 2	-1:2005/A2:2013) ed.	
I.1.1 (A1:2010)	Replace NOTE 3 T multimedia	the text of NOT he requirements	TE 3 by the fo s of EN 60065 e IEC Guide 1		o meet safety re	quirements for	F. Th. Market

The results shown this jest report 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 attp://www.agc.cett.com.



Page 31 of 48

	EN 60950-1	
Clause	Requirement – Test Result – Remark	Verdict
~ C	EN 60950-1:2006/A11:2009/A1:2010/A12:2011 - CENELEC COMMON MODIFICATION	IS S
1.3.Z1	Add the following subclause:  1.3.Z1 Exposure to excessive sound pressure  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.  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.	N
(A12:2011)	In EN 60950-1:2006/A12:2011 Delete the addition of 1.3.Z1 / EN 60950-1:2006 Delete the definition 1.2.3.Z1 / EN 60950-1:2006 /A1:2010	N
1.5.1	Add the following NOTE:  NOTE Z1 The use of certain substances in electrical and electronic equipment is restricted within the EU: see Directive 2002/95/EC	Р
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.	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 personal music players	N

The results showed this jest report 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 AQC, 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 attp://www.agc-gert.com. No.16 E



Page 32 of 48

		EN 60950-1	•
Clause	Requirement – Test	Result – Remark	Verdict
	EN 60950-1:2006/A11:2009/A1:2010/A	A12:2011 – CENELEC COMMON MODIFICATION	S
	from personal music players that are	ts for protection against excessive sound pressure closely coupled to the ear. It also specifies lphones intended for use with personal music	N
	<ul> <li>primarily uses headphones or earphears;</li> <li>allows the user to walk around while NOTE 1 Examples are hand-held or be</li> </ul>	en to recorded or broadcast sound or video; and nones that can be worn in or on or around the	
	personal music players shall comply v	es or headphones intended to be used with with the requirements of this sub-clause.  The valid for music or video mode only.	
	products sold through normal electron equipment.	guipment sold through special sales channels. All nics stores are considered not to be professional	
T. I.	processing of the sound signal) the 2015.  NOTE 4 This exemption has been allowed.	ersonal music players without any kind of digital at are brought to the market before the end of bowed because this technology is falling out of use ars it will no longer exist. This exemption will not	N
	For equipment which is clearly design of EN 71-1 apply.	ed or intended for use by young children, the limits	

The results shown this jest report 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 attp://www.agc.cett.com.



Page 33 of 48

		EN 60950-1	
Clause	Requirement – Test	Result – Remark	Verdict
- (	EN 60950-1:2006/A11:2009/A1:2010	D/A12:2011 – CENELEC COMMON MODIFICATION	NS S
<b>从</b>	<ul> <li>equipment provided as a package where the acoustic output LAequiprogramme simulation noise are a personal music player provided where the elections is a personal device, where the elections are a personal music player provided where the elections are a personal music player provided where the elections are a personal music player provided as a package where the acoustic player are a personal music player provided as a package where the acoustic output LAequiprogramme are a personal music player provided as a package where the acoustic output LAequiprogramme are a personal music player provided where the acoustic player provided where the acoustic player provided where the acoustic player provided where the provided where the acoustic player provided where the player provided where the acoustic player provided where the acoustic player provided where the player player player provided where the acoustic player playe</li></ul>	quipment that complies with the following: ge (personal music player with its listening device), ,T is ≤ 85 dBA measured while playing the fixed s described in EN 50332-1; and with an analogue electrical output socket for a trical output is ≤ 27 mV measured as described in xed "programme simulation noise" as described in	N
	EN 50332-1.  NOTE 1 Wherever the term acoustic equivalent sound pressure level LAGAII other equipment shall:  a) protect the user from unintentional	c output is used in this clause, the 30 s A-weighted eq,T is meant. See also Zx.5 and Annex Zx.	
	automatically return to an output le power is switched off; and c) provide a means to actively inform	evel not exceeding those mentioned above, and evel not exceeding those mentioned above when the nation the user of the increased sound pressure when acoustic output exceeding those mentioned above.	
	Any means used shall be acknowl operation which allows for an acou acknowledgement does not need to cumulative listening time; and	edged by the user before activating a mode of ustic output exceeding those mentioned above. The to be repeated more than once every 20 h of	
	always required.  NOTE 3 The 20 h listening time is the often and how long the personal muture d) have a warning as specified in Z		
	output shall be ≤ 100 dBA measure noise" described in EN 50332-1; and 2) a personal music player provid	age (player with Its listening device), the acoustic ed while playing the fixed "programme simulation d led with an analogue electrical output socket for a t shall be ≤ 150 mV measured as described in EN	1
	50332-2, while playing the fixed "program for music where the average sound duration of the song is lower than the noise, the warning does not need to	gramme simulation noise" described in EN 50332-1.  I pressure (long term LAeq,T) measured over the ne average produced by the programme simulation be given as long as the average sound pressure of B5 dBA. In this case T becomes the duration of the	
	NOTE 4 Classical music typically ha which is much lower than the average player is capable to analyse the son noise, the warning does not need to the song is below the basic limit of 8		
	average music level of the song is o	n the programme simulation noise to 85 dBA, but the only 65 dBA, there is no need to give a warning or s the average sound level of the song is not above	

The results shown this jest report 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 ASC, 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.agc-cert.com.



Page 34 of 48

	EN 609	950-1	
Clause	Requirement – Test	Result – Remark	Verdict
~(	EN 60950-1:2006/A11:2009/A1:2010/A12:201	1 – CENELEC COMMON MODIFICATION	DNS
5G	Zx.3 Warning The warning shall be placed on the equipmen manual and shall consist of the following:             the symbol of Figure 1 with a minimum the following wording, or similar:  "To prevent possible hearing damage, do not periods."  Figure 1 – Warning late	height of 5 mm; and listen at high volume levels for long	N on
不不是	Alternatively, the entire warning may be given use, when the user is asked to acknowledge		Pare .
the station of	Zx.4 Requirements for listening devices (h	eadphones and earphones)	N
	Zx.4.1 Wired listening devices with analog With 94 dBA sound pressure output LAeq,T, simulation noise" described in EN 50332-2 sh. This requirement is applicable in any mode w or passive), including any available setting (for element to mode where the values of 94 dBA – 75 mV corresponds on the values of 94 dBA – 75 mV correspon	the input voltage of the fixed "programme hall be ≥ 75 mV.  there the headphones can operate (active example built-in volume level control).	C S
GC*	Zx.4.2 Wired listening devices with digital With any playing device playing the fixed "pro 50332-1 (and respecting the digital interface standard exists that specifies the equivalent a of the listening device shall be ≤ 100 dBA.  This requirement is applicable in any mode wincluding any available setting (for example b sound feature like equalization, etc.).  NOTE An example of a wired listening device	gramme simulation noise" described in Estandards, where a digital interface acoustic level), the acoustic output LAeq, where the headphones can operate, uilt-in volume level control, additional	
	Zx.4.3 Wireless listening devices	With digital impacts a 300 hoad mone.	N
	In wireless mode:  - with any playing and transmitting device pladescribed in EN 50332-1; and  - respecting the wireless transmission standathat specifies the equivalent acoustic level  - with volume and sound settings in the listent level control, additional sound feature like of positions that maximize the measured programme simulation noise, the acoustic be ≤ 100 dBA.	ards, where an air interface standard existel; and hing device (for example built-in volume e equalization, etc.) set to the combination acoustic output for the abovementioned	n
	NOTE An example of a wireless listening dev		

The results shown this jest report 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 ASC, 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 Attp://www.agc-gert.com.



Page 35 of 48

	EN 60950-1		
Clause	Requirement – Test	Result – Remark	Verdict
~ C	EN 60950-1:2006/A11:2009/A1:2010/A12:2011 - CEN	IELEC COMMON MODIFICATIONS	人相
The condition of	Zx.5 Measurement methods  Measurements shall be made in accordance with EN applicable. Unless stated otherwise, the time interval NOTE Test method for wireless equipment provided with defined.	T shall be 30 s.	N
2.7.1 3G	Replace the subclause as follows: Basic requirements To protect against excessive current, short-circuits an CIRCUITS, protective devices shall be included either or as parts of the building installation, subject to the form a) except as detailed in b) and c), protective devices requirements of 5.3 shall be included as parts of the eb) for components in series with the mains input to the cord, appliance coupler, r.f.i. filter and switch, short-circuits be provided by protective devices in the building installation.	r as integral parts of the equipment ollowing, a), b) and c): necessary to comply with the equipment; e equipment such as the supply recuit and earth fault protection may	C No.
A TANK	c) it is permitted for PLUGGABLE EQUIPMENT TYPE CONNECTED EQUIPMENT, to rely on dedicated ove protection in the building installation, provided that the circuit breakers, is fully specified in the installation ins If reliance is placed on protection in the building install shall so state, except that for PLUGGABLE EQUIPME installation shall be regarded as providing protection in wall socket outlet.	E B or PERMANENTLY recurrent and short-circuit means of protection, e.g. fuses or tructions.  Iation, the installation instructions ENT TYPE A the building	N
2.7.2	This subclause has been declared 'void'.	-0"	N
3.2.3	Delete the NOTE in Table 3A, and delete also in this table the conduit sizes in parentheses.		N
3.2.5.1	Replace "60245 IEC 53" by "H05 RR-F";	H03 VVH2-F"; H05 VVH2-F2".	N N
	Over 6 up to and including 10  (0,75) b) 1,0   Over 10 up to and including 16  (1,0) c) 1,5   In the conditions applicable to Table 3B delete the wo condition a).		
3.3.4	In NOTE 1, applicable to Table 3B, delete the second In Table 3D, delete the fourth line: conductor sizes for following:  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	A11	N

The results showned this jest report 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 attp://www.agc.cent.com.



Page 36 of 48

@ 400 089 2118

	EN 60	950-1	
Clause	Requirement – Test	Result – Remark	Verdict
~ C	EN 60950-1:2006/A11:2009/A1:2010/A12:201	11 - CENELEC COMMON MODIFICATIONS	不相思
4.3.13.6 (A1:2010)	Replace the existing NOTE by the following: NOTE Z1 Attention is drawn to:	-C************************************	N
	1999/519/EC: Council Recommendation on the public to electromagnetic fields 0 Hz to 300 G		
and the second	2006/25/EC: Directive on the minimum health exposure of workers to risks arising from physical street and the properties of the minimum health exposure of workers to risks arising from physical street.		# F
拉利	Standards taking into account mentioned Red demonstrate compliance with the applicable I		N
Annex H	Replace the last paragraph of this annex by: At any point 10 cm from the surface of the OPERATOR ACCESS AREA, the dose rate shall not exceed 1 µSv/h (0,1 mR/h) (see NOTE). Account is taken of the background level. Replace the notes as follows: NOTE These values appear in Directive 96/29/Euratom. Delete NOTE 2.		
Bibliograph y	Additional EN standards.	THE WAY TO SEE THE PARTY OF THE	C .

ZA	NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR	_
- B	CORRESPONDING EUROPEAN PUBLICATIONS	

		EN 60950-1	
Clause	Requirement – Test	Result – Remark	Verdict
~ <sup>6</sup>	ZB ANNEX (normative)	SPECIAL NATIONAL CONDITIONS (EN)	拉那
1.2.4.1		I appliances (see 3.2.1.1) may be provided with a itions when inserted into Danish socket-outlets.	N
1.2.13.14	In Norway and Sweden, for require	ements see 1.7.2.1 and 7.3 of this annex.	N
1.5.7.1	In <b>Finland, Norway</b> and <b>Sweden</b> , resistors 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 resistor is used, the resistor must withstand the resistor test in 1.5.7.2.		
1.5.8	In <b>Norway</b> , due to the IT power sys required to be rated for the applicat	ttem used (see annex V, Figure V.7), capacitors are ble line-to-line voltage (230 V).	N
1.5.9.4	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> , equipment as defined in 6.1.2.2 of the	the third dashed sentence is applicable only to this annex.	The Name

The results shown this jest report 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.agc.cert.com. AGC 8

No.16 E E-mail: agc@agc-cert.com Tel: +86-755 2908 1955 Fax: +86-755 2600 8484

Add: 2F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



Page 37 of 48

	EN 60950-1					
Clause	Requirement – Test Result – Remark	Verdict				
√C	ZB ANNEX (normative) SPECIAL NATIONAL CONDITIONS (EN)	<b>水</b> 橙。				
1.7.2.1	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"					
	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:					
	"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)."					
CC.	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.	N				
	Translation to Norwegian (the Swedish text will also be accepted in Norway):  "Utstyr som er koplet til beskyttelsesjord via nettplugg og/eller via annet jordtilkoplet utstyr – og er tilkoplet et kabel-TV nett, kan forårsake brannfare. For å unngå dette skal det ved tilkopling av utstyret til kabel-TV nettet installeres en galvanisk isolator mellom utstyret og kabel- TV nettet."					
	Translation to Swedish:					
3C**	"Utrustning som är kopplad till skyddsjord via jordat vägguttag och/eller via annan utrustning och samtidigt är kopplad till kabel-TV nät kan i vissa fall medföra risk för brand. För att undvika detta skall vid anslutning av utrustningen till kabel-TV nät galvanisk isolator finnas mellan utrustningen och kabel-TV nätet."	F. W. Commission				
1.7.2.1 (A2:2013)	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-outlet.	N				
	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."					

The results shown this jest report 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 ASC, 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 attp://www.agc-gert.com. AGC 8



Page 38 of 48

Clause	Requirement – Test Result – Remark	Verdict					
~ (3	ZB ANNEX (normative) SPECIAL NATIONAL CONDITIO	- TF					
1.7.5	In <b>Denmark</b> , socket-outlets for providing power to other equipment s accordance with the Heavy Current Regulations, Section 107-2-D1, SDK 1-3a, DK 1-5a or DK 1-7a, when used on Class I equipment. For EQUIPMENT the socket-outlet shall be in accordance with Standard DK 1-5a.  For <b>CLASS II EQUIPMENT</b> the socket outlet shall be in accordance Sheet DKA 1-4a.	all be in N tandard Sheet STATIONARY Sheet DK 1-1b or					
I.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.						
2.3.2	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> there are additional requirements f See 6.1.2.1 and 6.1.2.2 of this annex.	or the insulation. N					
2.3.4	In Norway, for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this a	nnex. N					
2.6.3.3	In the <b>United Kingdom</b> , the current rating of the circuit shall be take A.	as 13 A, not 16 N					
2.7.1	In the <b>United Kingdom</b> , to protect against excessive currents and she PRIMARY CIRCUIT of DIRECT PLUG-IN EQUIPMENT, tests accordanced, using an external protective device rated 30 A or 32 A. If suitable protective devices shall be included as integral parts of the EQUIPMENT, so that the requirements of 5.3 are met.	ng to 5.3 shall be hese tests fail,					
2.10.5.13	In <b>Finland</b> , <b>Norway</b> and <b>Sweden</b> , there are additional requirements see 6.1.2.1 and 6.1.2.2 of this annex.	or the insulation, N					
3.2.1.1	In <b>Switzerland</b> , supply cords of equipment having a RATED CURRE 10 A shall be provided with a plug complying with SEV 1011 or IEC 6 of the following dimension sheets:  SEV 6532-2.1991 Plug Type 15 3P+N+PE 250/400 V, 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. I	0884-1 and one 000 000 000 000 000 000 000 000 000 0					
	plug and socket-outlet system is being introduced in Switzerland, the are according to the following dimension sheets, published in Februa SEV 5932-2.1998: Plug Type 25, 3L+N+PE 230/400 V, 16 A						
	SEV 5933-2.1998:Plug Type 21, L+N, 250 V, 16A						
	SEV 5934-2.1998: Plug Type 23, L+N+PE 250 V, 16 A	45 Th					

The results shown this jest report 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 ASC, 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 attp://www.agc-gert.com. AGC 8



Page 39 of 48

@ 400 089 2118

		EN 60950-1						
Clause	Requirement – Test	Result – Remark	Verdict					
<b>√</b> C	ZB ANNEX (normative) SF	PECIAL NATIONAL CONDITIONS (EN)	不是					
3.2.1.1	exceeding13 A shall be provided with Regulations, Section 107-2-D1.  CLASS I EQUIPMENT provided with sintended to be used in locations where	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						
E THE	exceeding 13 A is provided with a sup	nase equipment having a RATED CURRENT oply cord with a plug, this plug shall be in egulations, Section 107-2-D1 or EN 60309-2.						
3.2.1.1		e equipment having a rated current not a plug according to UNE 20315:1994.	The N					
	shall be provided with a plug accordin							
	intended to be used in locations where	socket-outlets with earth contacts or which are e protection against indirect contact is required provided with a plug in accordance with standard						
16	If poly-phase equipment is provided w accordance with UNE-EN 60309-2.	rith a supply cord with a plug, this plug shall be in	N N					
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 and Sockets etc. (Safety) Regulations 1994, unless exempted by those regulations.  NOTE 'Standard plug' is defined in SI 1768:1994 and essentially means an approved							
3.2.1.1	connected to a mains socket conformic cord and plug, shall be fitted with a 13	ith a flexible cable or cord and is designed to be ing to I.S. 411 by means of that flexible cable or A plug in accordance with Statutory Instrument rity of Ireland (section 28) (13 A Plugs and	N					
3.2.4	In Switzerland, for requirements see	3.2.1.1 of this annex.	N					
3.2.5.1	In the <b>United Kingdom</b> , a power supplied for equipment with a rated current over	ply cord with conductor of 1,25 mm2 is allowed er 10 A and up to and including 13 A.	N					
3.3.4	by terminals for equipment with a RAT 13 A is:	conductor sizes of flexible cords to be accepted FED CURRENT of over 10 A up to and including	N N					
4.3.6	with BS 1363 part 1:1995, including A the plug part of DIRECT PLUG-IN EQ 12.1, 12.2, 12.3, 12.9, 12.11, 12.12, 1 12.17 is performed at not less than 12	sectional area. st is performed using a socket outlet complying mendment 1:1997 and Amendment 2:2003 and UIPMENT shall be assessed to BS 1363: Part 1, 2.13, 12.16 and 12.17, except that the test of 5°C. Where the metal earth pin is replaced by (ISOD), the requirements of clauses 22.2 and 23	NG					

The results showed this jest report 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 attp://www.agc-cert.com. AGC 8

Add: 2F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China



Page 40 of 48

@ 400 089 2118

EN 60950-1								
Clause	Requirement – Test	Result – Remark	Verdict					
<b>√</b> C	ZB ANNEX (normative) SPEC	CIAL NATIONAL CONDITIONS (EN)	不相					
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.							
5.1.7.1	In Finland, Norway and Sweden TOUC 3,5 mA r.m.s. are permitted only for the final of the final o	ENT TYPE A that FRICTED ACCESS LOCATION where for example, in a  connected PROTECTIVE EARTHING the installation of that conductor by a  ENT TYPE B;	N S					
6.1.2.1	STATIONARY PERMANENTLY CONN     STATIONARY PERMANENTLY CONN		NP .					
(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:  If this insulation is solid, including insulation forming part of a component, it shall at least consist of either  - two layers of thin sheet material, each of which shall pass the electric strength test below, or  - one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.  Alternatively for components, there is no distance through insulation requirements for the insulation consisting of an insulating compound completely filling the casing, so that CLEARANCES and CREEPAGE DISTANCES do not exist, if the component passes the electric strength test in accordance with the compliance clause below and in addition							
	kV multiplied by 1,6 (the electric strength kV), and	of 2.10.11 with an electric strength test of 1,5 test of 2.10.10 shall be performed using 1,5						
	<ul> <li>is subject to ROUTINE TESTING for electric strength during manufacturing, using a test voltage of 1,5 kV.</li> <li>It is permitted to bridge this insulation with an optocoupler complying with 2.10.5.4 b).</li> <li>It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.</li> </ul>							
	<ul><li>under the following conditions:</li><li>the insulation requirements are satisfie</li></ul>	on to the Y3 testing, is tested with an impulse						
	- the additional testing shall be performed 60384-14:	d on all the test specimens as described in EN rmed before the endurance test in EN 60384-						
	14, in the sequence of tests as described		C					

The results showing this jest report 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 attraction.

Add: 2F., Building 2, No.1-4, Chaxi Sanwei Technical Industrial Park, Gushu, Xixiang, Baoan District, Shenzhen, Guangdong China

AGC 8



Page 41 of 48

		EN 60950-1	
Clause	Requirement – Test	Result – Remark	Verdict
~(	ZB ANNEX (normative	) SPECIAL NATIONAL CONDITIONS (EN)	不恒
6.1.2.2	intended to be used in a RESTRIC bonding has been applied, e.g. in provision for a permanently conne	the exclusions are applicable for PERMANENTLY GGABLE EQUIPMENT TYPE B and equipment CTED ACCESS LOCATION where equipotential a telecommunication centre, and which has cted PROTECTIVE EARTHING CONDUCTOR and e installation of that conductor by a SERVICE	N
7.2	annex.	for requirements see 6.1.2.1 and 6.1.2.2 of this  N NETWORK in 6.1.2 being replaced by the term .	JON MARKET
7.3	In Norway and Sweden, for requi	rements see 1.2.13.14 and 1.7.2.1 of this annex.	N
7.3	In Norway, for installation condition	ons see FN 60728-11:2005	N

The results showed this jest report 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 AGE, 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 attp://www.agc-gett.com.



Page 42 of 48

1.5.1	TABLE: list of critical components			Р	
Object/part no	o. Manufacturer/ trademark	Type/model	Technical data	Mark(s) of conformity	
Battery	Interchangeable	CR2430 CR2450 CR2477	DC3.0V, An Interchangeable Lithium chemistry button cell used	Tested with appliance	
PCB	Interchangeable	Interchangeable	V-0, 130°C	UL ZPMV2	
Enclosure CHI MEI CORPORATION		PC-110(+)	Min. 1.5mm, V-2, 125°C	UL E56070	
Alternative	Interchangeable	Interchangeable	Min. 0.7mm, HB or better, 80°C or better	UL QMFZ2	
Note(s):	The same of the same	G G	0 30		

1.6.2	TABLE: e	electrical data (i	n normal co	nditions)	环	The state of the s	P
U (V)	I (A)	I rated (A)	P (W)	Fuse #	I fuse (A)	Condition/status	
3.0	0.012	# F	0.036	-0	9 3	Normal operation	
Note(s):	VOC		30			T. B. T.	( 图 )

2.1.1.5c)1)	TABLE: n	nax. V, A,	VA test	Coal Co	_ 養年	1000	C	\G'			N
Voltage (rated) (V)		Current	(rated)	(A)	Voltage (	max.) (V)		Current (max.)	(A)	VA (max.)	(VA)
2C =		10			lii:		- FM	3	K 恒	poli poli	不是
Note(s):	-A	:111			长	亚环.	Condition	- 舞·明·	Gora	- B.	× 4

2.1.1.5c)2)	TABLE: store	d energy	10				₩ N
Capacitance	e C (μF)		Voltage U	(V)		Ener	gy E (J)
	11 All	在 被 测	- 4 1	7	-C		CO
Note(s):	E A Guinal Comm	F. de Good	- (1)	CC P	10		

2.2	TABLE: evaluation of voltage limiting components in SELV circuits								
Compon	ant (magaired bating an)	max. voltage (V)	Voltage Limiting						
Compon	ent (measured between)	Vpeak	Vd.c.	Components					
9 Care	CO SO		#	学					
Fault tes	t performed on voltage limiting components	Voltage measure	d (V) in SELV circuits	s (V peak or V d.c.)					

The results shown this jest report 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 attp://www.agc.cert.com.

No.16 E

AGC 8



Page 43 of 48

-ml	是私	<b>玉</b>	- (	The same of the sa	C.33	10-	100
Note(s):		C. Barrier de	10				- III

2.5	TABLE: limited power source measu	irement	Santan of Guard	E Francisco	N
Measured Uoc (V) with all load circuits		Isc (/	A)	VA	
disconnecte	disconnected:		Limit	Meas.	Limit
Note(s):	环。	The the same	五 天	2 Barbarian	-0

2.10.2 TABLE: Working	g voltage measurement	O P	N
Location	RMS voltage (V)	Peak voltage (V)	Comments
报 测		To declarate - The Total Care	- CO - CO
Note(s):	4.C	60	FIG. The

2.10.3 and 2.10.4 TABLE: clearance	and creepage	distance mea	surements	13 miles	The state of the s	N
Clearance cl and creepage distance dcr at/of:	U p (V)	U r.m.s. (V)	Required cl (mm)	cl (mm)	Required dcr (mm)	dcr (mm)
	1.GU			- 15	A 5	图 严
Note(s):	· 利		10000000000000000000000000000000000000	E F TOOM COM	· 第一个	- 0

2.10.5	2.10.5 TABLE: distance through insulation measurements					
Distance t	hrough insulation di at/of:	U r.m.s. (V)	Test voltage (V)	Required di (mm)	di (mm)	
Note(s):	-C*	60	100	30		

4.3.8 T	ABLE: Batte	eries						子 January	P
The tests of 4.3 not available	3.8 are appli	cable only v	vhen approp	riate batter	y data is	F F County County	CC.	3.0	N
Is it possible to	install the b	attery in a r	everse polai	rity position	?	No damag	e and haza	ırds.	P
C	Non-rechargeable batteries			Rechargeable batteries					7,10
	Disch	arging	ing Uninten-		Charging		Discharging Reve		Charging
	Meas. current	Manuf. Specs.	tional charging	Meas. current	Manuf. Specs.	Meas. current	Manuf.S pecs.	Meas. current	Manuf. Specs.
Max. current during normal condition	- ]	C.	<u>-</u>	1 to 1		The state of the s	# T	<u>.</u>	C <sup>®</sup>

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8



Report No.: AGC08501161101ES01 Page 44 of 48

		- Trans 1922	200		. 55° 1 G/0"			
Max. current during fault condition	A ST.	- C	IF 15	CC,	NG			N. 10
Test results:		9	111	-7/1	22.	<b></b>	<b>玉</b>	Verdict
- Chemical leak	(S	<b>亚</b> 龙	Th.	KI THE	C 4.3		and a Co	P
- Explosion of t	he battery	The state of the	A STATE OF		0	CO	10	Р
- Emission of fla	ame or exp	ulsion of mo	Iten metal				不懂	Р
- Electric strength tests of equipment after completion of tests						N		
Note(s):	恒测	- 5	Port Gleen	<b>新学</b>	6 %	and Grant	30	9

4.3.8 TABLE: Batteries	, P
Battery category	
Manufacturer	
Type/model	: CR2430, CR2450, CR2477
Voltage, Capacity	DC 3.0V
Circuit protection diagram	
N/A	CO CO
MARKINGS AND INSTRUCTIONS (1.7.13)	
Location of replaceable battery	Refer to clause 1.7.13
Language(s)	Ditto
Close to the battery	Ditto
In the servicing instructions	Ditto
In the operating instructions	
Note(s):	The state of the s

4.5	TABLE: maximum	temperature	s					P P
No.	Test voltage (V)			a): 3.0VDC	(supplied b	by button ce	ell)	
T (°C)							allowed	
maximum	maximum temperature T of part/at:			а	)			Tmax (°C)
Battery				42	.7			Ref.
PCB near	PCB near U1			44	44.6		<u> </u>	130
Internal en	nclosure		AND SA	42	7	F Marie	- 4.C	125
External er	nclosure	手环	Compa	41	.3	-0		95
Ambient	- Tanana - 1		3,0	40	.0	N.	in line	six
Tempe	erature T of winding	t <sub>1</sub> (°C)	R <sub>1</sub> (Ω)	t <sub>2</sub> (°C)	$R_2(\Omega)$	T (°C)	Allowed T <sub>max</sub> (°C)	Insulation Class
	411	A Parago	-Th 18		The state of Garage	- 63		<b>3</b>

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8



Page 45 of 48

Note: Having a specified maximum ambient temperature of 40°C	Note	: Having a	a specified	maximum	ambient	temperature of 40°C
--	------	------------	-------------	---------	---------	---------------------

4.5.5	TABLE: ball p	ressure test of thermor	plastic parts	<b>衣</b> *	1 100	恒和	N
	allowed impres	ssion diameter (mm)	<u></u>	<b>事</b>	· 基本。		
Part				Test temp	perature(°C)		on diameter mm)
Mary and the	10	70			:11/	不肯	12
Note(s):		<b></b>	不相	玉	Stratures .	500000	C Bearing

4.7	TABLE: Resistance to	fire	60		P
Part	Manufacturer of material	Type of material	Thickness (mm)	Flammability class	Evidence
15	10 10	18 - III	F 1000 - 5	and Green Co form	~G
Note(s): Re	fer to table 1.5.1	- C	20	and the second	

5.1	TABLE: touch current measurement	7111	环境 等	N
Measured	between:	Measured(mA)	Limit(mA)	Comments/conditions
£Tr	E Tools of Barrell	\G\( \)	30 <u>-</u>	
Note(s):	- GO CO		400	56 电平

5.2	TABLE: electric strength	tests and impulse tes	sts	-,0	N
Test voltage	e applied between:		Test voltage (V)	Bre	akdown
4.C)	10-		All	極測	玉 起
Note(s):		不起。	The Parameter of the Pa	F d Coball	The state of Con-

5.3	TABLE: fault condition tests						₩ P
1000	ambient temperature (°C):					24.3	
	rated markings of power supply:					The street of th	
Component no.		Fault	Test voltage (V)	Test time	Fuse no.	Result	
Battery		Reverse		10min	利	Unit shutdown immediately. No hazards.	
R2		S-C	3.0	10min	F of Coon	No damage and hazards.	
Fault: S-C=s	hort cir	cuit	A Francisco	CO	-G		
Note:	C.	June C	1 5000			- 70	

The results shown this jest report 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 ASC, 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 attp://www.agc-cert.com. AGC 8

No.16 E



**Attachment A** Photos of product



Fig.1 - overview



Fig.2 - overview

The results shown this jest report 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.agc-cert.com. AGC 8



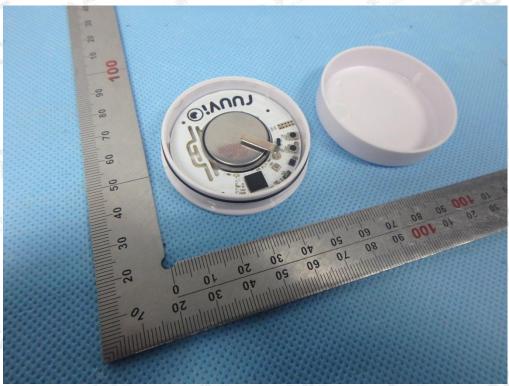


Fig.3 – overview

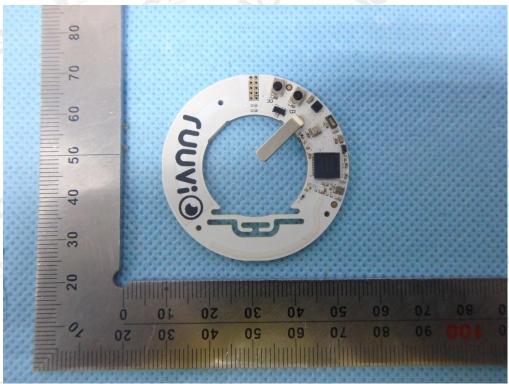
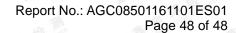


Fig.4 - overview

The results shown this jest report 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.agc-cert.com. No.16 E

Attestation of Global Compliance

AGC 8





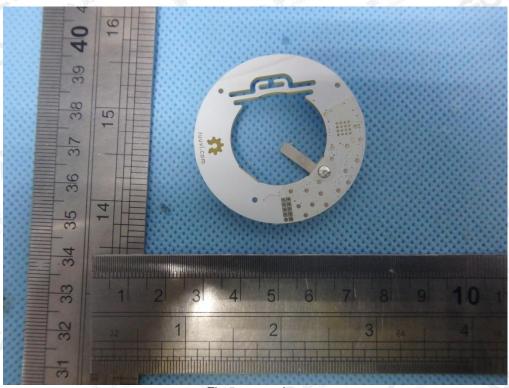


Fig.5 - overview

---- END OF REPORT----

The results shown this jest report 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.agc.gent.com.

Attestation of Global Compliance