

Report No.: 18230SC10061601

## **Test Report**

Client Name : Saleae, Inc

Address 408 N Canal Street, Suite A - South San Francisco,

94080 California, USA

Product Name : Logic Pro 8

Date : Jul. 29, 2021





Page 2 of 64 Report No.: 18230SC10061601

## TEST REPORT IEC 62368-1

# Audio/video, information and communication technology equipment Part 1: Safety requirements

Report Number.....: 18230SC10061601

**Date of issue.....:** Jul. 29, 2021

Total number of pages .....: 64 pages

Applicant's name .....: Saleae, Inc

Address.....: 408 N Canal Street, Suite A - South San Francisco, 94080 California,

USA

Test specification:

Standard.....: IEC 62368-1:2014 (Second Edition) and

EN 62368-1:2014+A11:2017

Test procedure .....: Type Tested

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

#### General disclaimer:

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

This report shall not be reproduced, except in full, without the written approval of the Issuing Shenzhen Anbotek Compliance Laboratory Limited. The authenticity of this Test Report and its contents can be verified by Shenzhen Anbotek Compliance Laboratory Limited, responsible for this Test Report.

#### Testing procedure and testing location:

Testing Laboratory: Shenzhen Anbotek Compliance Laboratory Limited

Sanwei community, Hangcheng Street, Bao'an District,

Shenzhen, Guangdong, China.518102

Tested by (name + signature)......: Amina Li

Approved by (name+ signature) ...: Smile Tian



the testing.

Page 3 of 64 Report No.: 18230SC1006160

Test Item description .....: Logic Pro 8 Saleae Manufacturer..... **Diamond Digital Corporation** 6F.-1,6F., NO.168 LIANCHENG RD., LIANCHENG RD., ZHONGHE NEW TAIPEI NEW TAIPEI CITY 23553, TAIWAN. SAL-00113, SAL-00113 - black, SAL-00114 - red Model/Type reference ..... Ratings .....: Input: 5V==-0.522A Tests performed (name of test and test clause): **Testing location:** The submitted samples were found to comply Shenzhen Anbotek Compliance Laboratory with the requirements of: Limited 1/F, Building D, Sogood Science and Technology Electrical safety Park, Sanwei community, Hangcheng Street, Bao'an IEC 62368-1:2014 (Second Edition) District, Shenzhen, Guangdong, China.518102 EN 62368-1:2014+A11:2017 List of countries addressed: EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES The product fulfils the requirements of EN 62368-1:2014+A11:2017 Statement concerning the uncertainty of the measurement systems used for the tests (may be required by the product standard or client) Internal procedure used for type testing through which traceability of the measuring uncertainty has been established: Procedure number, issue date and title:

Calculations leading to the reported values are on file with the NCB and testing laboratory that conducted

Statement not required by the standard used for type testing



Page 4 of 64 Report No.: 18230SC10061601

#### Copy of marking plate:

Saleae

Logic Pro 8

Model: SAL-00113 Input: 5V==-0.522A



Manufacturer: Diamond Digital Corporation

Address: 6F.-1,6F., NO.168 LIANCHENG RD., LIANCHENG RD., ZHONGHE NEW TAIPEI NEW TAIPEI CITY 23553, TAIWAN.

Importer: xxxx Address: xxxx Made in china

- The above markings are the minimum requirements required by the safety standard. For the final production samples, the additional markings which do not give rise to misunderstanding may be added.



Page 5 of 64 Report No.: 18230SC10061601

TEST ITEM PARTICULARS:	
Classification of use by:	<ul> <li>☑ Ordinary person</li> <li>☑ Instructed person</li> <li>☑ Skilled person</li> <li>☑ Children likely to be present</li> </ul>
Supply Connection ::	☐ AC Mains ☐ DC Mains ☐ External Circuit - not Mains connected - ☐ ES1 ☐ ES2 ☐ ES3
Supply % Tolerance:	☐ +10%/-10% ☐ +20%/-15% ☐ +%/% ☑ None
Supply Connection – Type:	□ pluggable equipment type A - □ non-detachable supply cord □ appliance coupler □ direct plug-in □ mating connector □ pluggable equipment type B - □ non-detachable supply cord □ appliance coupler □ permanent connection □ mating connector ☒ other:
Considered current rating of protective device as part of building or equipment installation	A; Installation location: ☐ building; ☐ equipment
Equipment mobility:	
Over voltage category (OVC)	□ OVC I         □ OVC II           □ OVC IV         ⊠ other:
Class of equipment:	☐ Class I ☐ Class II ☐ Class III ☐ Class II with functional earthing ☐ Not classified
Access location	☐ restricted access area ☐ N/A
Pollution degree (PD):	□ PD 1 □ PD 2 □ PD 3
Manufacturer's specified maxium operating ambient:	70°C
IP protection class:	☑ IPX0 □ IP
Power Systems:	
Altitude during operation (m):	
Altitude of test laboratory (m)	☐ 2000 m or less
Mass of equipment (kg):	Approx. 0.78 kg





Page 6 of 64 Report No.: 18230SC10061601

POSSIBLE TEST CASE VERDICTS:	notek Anbores And tek shotek An
- test case does not apply to the test object:	N/A
- test object does meet the requirement:	P (Pass)
- test object does not meet the requirement:	F (Fail)
TESTING: Mark Market Ma	er Anb
Date of receipt of test item	2021-07-13
Date (s) of performance of tests	2021-07-13 to 2021-07-20
GENERAL REMARKS:	abotek Anbotek Anbotek
county in question.  2. The equipment complies with the National Standard  3. According to the EU directives which have been alignment.	s Labels written in an Accepted or Official Language of the s and/or Electrical Codes of the country in question. In a with EU NLF (new legislative framework), both of a affixed on the product or, where that is not possible, on
When differences exist; they shall be identified in the	ne General product information section.
Name and address of factory (ies):	Diamond Digital Corporation 6F1,6F., NO.168 LIANCHENG RD., LIANCHENG RD., ZHONGHE NEW TAIPEI NEW TAIPEI CITY 23553, TAIWAN.
General product information and other remarks:	
Product Description: The apparatus covered in this report was Logic Pro 8, The max. operating temperature was 70°C and the m Unless otherwise specified, the model "SAL-00113" w tests.  Model Differences: all models are same except model.	ax. altitude was 2000m. as chosen as representative model to perform all the
Anbore Annicotek Anborek Anb	and Anborek Anbore Anborek Anborek
Additional application considerations – (Consideration)	ations used to test a component or sub-assembly) –





Page 7 of 64 Report No.: 18230SC1006160

#### **ENERGY SOURCE IDENTIFICATION AND CLASSIFICATION TABLE:**

(Note 1: Identify the following six (6) energy source forms based on the origin of the energy.)

(Note 2: The identified classification e.g., ES2, TS1, should be with respect to its ability to cause pain or injury on the body or its ability to ignite a combustible material. Any energy source can be declared Class 3 as a worse case classification e.g. PS3, ES3.

#### Electrically-caused injury (Clause 5):

(Note: Identify type of source, list sub-assembly or circuit designation and corresponding energy source classification)

Source of electrical energy			Corresponding classification (ES)			tur, otek
5V DC input	Aupe	nbotek	ES1	"olek	Anborek	Aupa
The enclosure	Sk Vupo	work	ES1	Alle	abotek	Aupo.

#### Electrically-caused fire (Clause 6):

(Note: List sub-assembly or circuit designation and corresponding energy source classification)

Source of power or PIS	Corresponding classification (PS)
5V DC input	PS2
Internal circuits	PS2 Andrew Andrew

#### Injury caused by hazardous substances (Clause 7)

(Note: Specify hazardous chemicals, whether produces ozone or other chemical construction not addressed as part of the component evaluation.)

Source of hazardous substance	ces hopotek Anbote	Corresponding c	hemical	Anbo	- nbc
N/A	ek hotek Anbo	N/A	Anbotek	Pupo.	h.,

#### Mechanically-caused injury (Clause 8)

(Note: List moving part(s), fan, special installations, etc. & corresponding MS classification based on Table 35.)

Example: Wall mount unit

MS2

Source of kinetic/mechanical energy	Corresponding classification (MS)				
Sharp edges and corners of accessible parts	MS1 MS1				
Product mass	MS1 Andrew Andrew				

#### Thermal burn injury (Clause 9)

(Note: Identify the surface or support, and corresponding energy source classification based on type of part, location, operating temperature and contact time in Table 38.)

Source of thermal energy	Corresponding classification (TS)
Accessible parts	hotek TS1Anbotes And stek Anbotek Anbot

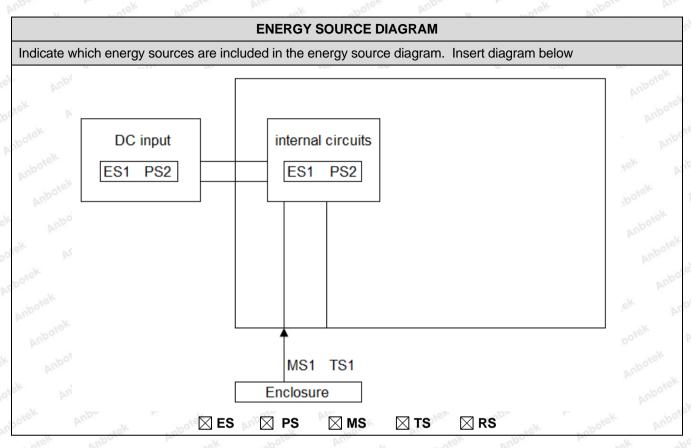
#### Radiation (Clause 10)

(Note: List the types of radiation present in the product and the corresponding energy source classification.)

Type of radiation	Corresponding classification (RS)
LED light	RS1 Anbole Anbole



Page 8 of 64 Report No.: 18230SC10061601



OVERVIEW OF EMPLOYED SAFE	GUARDS				
Clause	Possible Hazard	Possible Hazard			
5.1	Electrically-caused injury				
Body Part	Energy Source		Safeguards		
(e.g. Ordinary)	(ES3: Primary Filter circuit)	Basic	Supplementary	Reinforced (Enclosure)	
Ordinary person, Instructed person, Skilled person, Children	ES1: All Internal circuits ES1: DC input	N/A	N/A	N/A	
6.1	Electrically-caused fire				
Material part	Energy Source	Safeguards			
(e.g. mouse enclosure)	(PS2: 100 Watt circuit)	Basic	Supplementary	Reinforced	
Plastic enclosure	PS2: <100 Watt circuit (Internal circuit)	Equipment safeguards (no ignition)	N/A	N/A	
PCB Anbotek Anbotek Anbo	PS2: <100 Watt circuit (Internal circuit)	Equipment safeguards (no ignition)	V-1 or better	N/A	
Combustible materials within equipment	PS2: <100 Watt circuit (Internal circuit)	Equipment safeguards (no ignition)	V-2 or better	N/A	
7.1	Injury caused by hazardous	substances			





Page 9 of 64 Report No.: 18230SC10061601

-16L -1	rage 9 01 04	veho	11 110 10230301	0001001	
Body Part	Energy Source	Safeguards			
(e.g., skilled)	(hazardous material)	Basic	Supplementary	Reinforced	
N/A	N/A	N/A	N/A	N/A	
8.1	Mechanically-caused injury				
Body Part	Energy Source		Safeguards		
(e.g. Ordinary)	(MS3: High Pressure Lamp)	Basic	Supplementary	Reinforced (Enclosure)	
Ordinary person, Skilled person	MS1: Sharp edges and corners of accessible	N/A	N/A	N/A	
Anti-otek Anbotek Anbo	parts	Ans sofe	Anbotek	Anbo	
Ordinary person,	MS1: Product mass	N/A	N/A	N/A	
Skilled person	Anbor An Lotek	Anborer And	ak bote	K Aupo,	
9.1	Thermal Burn				
Body Part	Energy Source		Safeguards		
(e.g., Ordinary)	(TS2)	Basic	Supplementary	Reinforced	
Ordinary person, Skilled person	TS1: Accessible parts	N/A	N/A	N/A	
10.1	Radiation				
Body Part	Energy Source		Safeguards		
(e.g., Ordinary)		Basic	Supplementary	Reinforced	
Ordinary person,	RS1: LED light	N/A	N/A	N/A	
Instructed person, Skilled person, Children	Anbotek Anbote	Anbotek	Anborek A	Anbotek	
Body Part (e.g., Ordinary)  Ordinary person, Skilled person  10.1  Body Part (e.g., Ordinary)  Ordinary person, Instructed person,	Energy Source (TS2) TS1: Accessible parts Radiation Energy Source	N/A Basic	N/A  Safeguards Supplementary	Rein	

## Supplementary Information:

- (1) See attached energy source diagram for additional details.
- (2) "N" Normal Condition; "A" Abnormal Condition; "S" Single Fault



Page 10 of 64 Report No.: 18230SC1006160

70°		, ok	rage 10 01 04	Report No., 10	2303010001001
otek .	mbotek	Anbore All aborek	IEC 62368-1	Anbotek Anbotek	Anbore Air
Clause	anbotek	Requirement + Tes	st <sup>k</sup> Amboren	Result - Remark	Verdict

4	GENERAL REQUIREMENTS		AnboiP
4.1.1	Acceptance of materials, components and subassemblies	potek Auporek Auporek	An Poten
4.1.2	Use of components	Anbore Anborek Anbores	Pinbo
4.1.3	Equipment design and construction	Anbor k hotek Anbor	P AT
4.1.15	Markings and instructions	(See Annex F)	potek P
4.4.4	Safeguard robustness	ek Anbore And stek	nnbot P
4.4.4.2	Steady force tests	(See Annex T.4, T.5)	Plek
4.4.4.3	Drop tests	(See Annex T.7)	Poot
4.4.4.4	Impact tests	Anbotek Anbotek Anbe	N/A
4.4.4.5	Internal accessible safeguard enclosure and barrier tests	Anbotek Anbotek Anbo	N/A
4.4.4.6	Glass Impact tests	ak Anboten Anbotek	N/A
4.4.4.7	Thermoplastic material tests	otek Aupotek Aupo	N/A
4.4.4.8	Air comprising a safeguard	otek Anbotek Anbo	N/A
4.4.4.9	Accessibility and safeguard effectiveness	All other safeguards remain effective and no class 3 energy sources become accessible.	K P Ant
4.5	Explosion	k hotek Anbotek Ant	N/A
4.6	Fixing of conductors	An Antotek Antotek	P.k
4.6.1	Fix conductors not to defeat a safeguard	otes And otek Anbotek	N/A
4.6.2	10 N force test applied to	inbores And stek anborek	N/A
4.7	Equipment for direct insertion into mains socket - outlets	Anbotek Anbotek Anbote	N/A
4.7.2	Mains plug part complies with the relevant standard	Anbotek Anbotek Anb	N/A
4.7.3	Torque (Nm)	stek Anbore And stek	N/A
4.8 MOONE	Products containing coin/button cell batteries	botek Anboter Ant	N/A
4.8.2	Instructional safeguard	hotek Anbotek Anbo	N/A
4.8.3	Battery Compartment Construction	Antotek Anbotek Anbo	N/A
Anbotek	Means to reduce the possibility of children removing the battery:	Anbotek Anbotek Anbo	_
4.8.4	Battery Compartment Mechanical Tests:	tek Anboten Anti-	N/A
4.8.5	Battery Accessibility	hotek Anbotek Anbo	N/A
4.9 Amb	Likelihood of fire or shock due to entry of conductive object	Anbotek Anbotek Anbotek	N/A



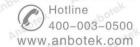


	76/4	anbo	No.	Page 11 01 64	Var. K	eport No.: 182308	5010061601
hotek				IEC 62368-1			
Clause	Anbo	Require	ment + Test	ok project	Res	sult - Remark	Verdict
Anborek	Aribo	7k 700	tek Anb	Ogo. Prog	otek anbo	len Vupo	botek
E	EL ECTRIC	ALLV CALI	CED IN HID	<i>y</i>			Pit. D K

5	ELECTRICALLY-CAUSED INJURY		Prek
5.2.1	Electrical energy source classifications:	(See appended table 5.2)	Andre P
5.2.2	ES1, ES2 and ES3 limits	Aupotes, Punn Polek Vipotes	Pinipos
5.2.2.2	Steady-state voltage and current:	See appended table 5.2)	P An
5.2.2.3	Capacitance limits:	Anbores Ans	potek P
5.2.2.4	Single pulse limits:	(See appended table 5.2)	N/A
5.2.2.5	Limits for repetitive pulses:	(See appended table 5.2)	N/A
5.2.2.6	Ringing signals:	(See Annex H)	N/A
5.2.2.7	Audio signals:	And Anbotek Anbo	N/A
5.3	Protection against electrical energy sources	Anbotek Anbo	N/A
5.3.1	General Requirements for accessible parts to ordinary, instructed and skilled persons	Anbotek Anbotek An	N/A
5.3.2.1	Accessibility to electrical energy sources and safeguards	potek Anbotek Anbotek	N/A
5.3.2.2	Contact requirements	Anbore And stek anborek	N/A
otek Ar	a) Test with test probe from Annex V:	Anbotek Anbo	N/A
nbotek	b) Electric strength test potential (V):	Anbotek Anbo sek at	N/A
anbotek	c) Air gap (mm):	ek Anbotek Anbo. ak	N/A
5.3.2.4	Terminals for connecting stripped wire	stek shbotek Anbot	N/A
5.4	Insulation materials and requirements	bo rek abotek Anbote	N/A
5.4.1.2	Properties of insulating material	Anbote Anbotek Anbote	N/A
5.4.1.3	Humidity conditioning:	(See sub-clause 5.4.8)	N/A
5.4.1.4	Maximum operating temperature for insulating materials	(See appended table 5.4.1.4)	N/A
5.4.1.5	Pollution degree	ok botek Anbotes A	
5.4.1.5.2	Test for pollution degree 1 environment and for an insulating compound	obotek Anbotek Anbotek	N/A
5.4.1.5.3	Thermal cycling	abotek Anbors Am	N/A
5.4.1.6	Insulation in transformers with varying dimensions	Anbores Anbores Ans	N/A
5.4.1.7	Insulation in circuits generating starting pulses	hotek Anbotes Anbo	N/A
5.4.1.8	Determination of working voltage	ak hotek Anbotek A	N/A
5.4.1.9	Insulating surfaces	ore Ann Joseph Anbotek	N/A
5.4.1.10	Thermoplastic parts on which conductive metallic parts are directly mounted	hotek Anbotek Anbotek	N/A
5.4.1.10.2	Vicat softening temperature:	(See appended table 5.4.1.10.2)	N/A
5.4.1.10.3	Ball pressure	(See appended table 5.4.1.10.3)	N/A



hotek	Page 12 of 64  IEC 62368-1	hotek Anbo	Report No.: 18230SC10061601	
Objek	Applet Aug K Pupo,	And Andrew Andrew	12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Clause	Requirement + Test	Result - Remark	Verdict	
5.4.2	Clearances	tek Aupolek	N/A	
5.4.2.2	Determining clearance using peak working voltage	(See appended table 5.4.2.2)	N/A	
5.4.2.3	Determining clearance using peak working voltage  Determining clearance using required withstand	(See appended table 5.4.2.3)	AUPO	
0.4.2.0	voltage	(Occ appended table 0.4.2.5)	N/A	
nbotek	a) a.c. mains transient voltage:	anbotek Anbote Am	_	
nbotek	b) d.c. mains transient voltage:	ek anbotek Anbote Ar	_	
abotel	c) external circuit transient voltage:	rek shotek Anbore	_	
sk Pup,	d) transient voltage determined by measurement	Anbotek Anbotek Anbotek	_	
5.4.2.4	Determining the adequacy of a clearance using an electric strength test	(See appended table 5.4.2.4)	N/A	
5.4.2.5	Multiplication factors for clearances and test voltages	ek Anbotek Anbotek An	N/A	
5.4.3	Creepage distances:	(See appended table 5.4.3)	N/A	
5.4.3.1	General	otek anbotek Anbo	N/A	
5.4.3.3	Material Group:	Anbotek Anbotek Anbote	_	
5.4.4	Solid insulation	Anbot Anbotek Anbot	N/A	
5.4.4.2	Minimum distance through insulation:	(See appended table 5.4.4.2)	N/A	
5.4.4.3	Insulation compound forming solid insulation	k Anbo. Ak botek	N/A	
5.4.4.4	Solid insulation in semiconductor devices	otek Anbout All hotek	N/A	
5.4.4.5 xx <sup>300</sup>	Cemented joints	abotek Anbote Ans	N/A	
5.4.4.6	Thin sheet material	hotek Anbote. And	N/A	
5.4.4.6.1	General requirements	Anbotek Anbotek Anbo	N/A	
5.4.4.6.2	Separable thin sheet material	And Anborek Anb	N/A	
Ann	Number of layers (pcs):	And stek Anbotek A	N/A	
5.4.4.6.3	Non-separable thin sheet material	oter And atek anbotek	N/A	
5.4.4.6.4	Standard test procedure for non-separable thin sheet material	(See appended Table 5.4.9)	N/A	
5.4.4.6.5	Mandrel test	Antotek Anbotek Anbot	N/A	
5.4.4.7	Solid insulation in wound components	And tek anbotek Anbr	N/A	
5.4.4.9	Solid insulation at frequencies >30 kHz:	(See appended Table 5.4.4.9)	N/A	
5.4.5	Antenna terminal insulation	tek Aupo, rek apotek	N/A	
5.4.5.1	General	botek Anbor An hotek	N/A	
5.4.5.2	Voltage surge test	obotek Anbore Andrek	N/A	
ootek	Insulation resistance (MΩ):	abotek Anbote And	_	
5.4.6	Insulation of internal wire as part of supplementary safeguard:	(See appended table 5.4.4.2)	N/A	





Page 13 of 64 Report No.: 18230SC10061601

Page 13 of 64 Report No.: 18230SC10061601			
upo.	IEC 62368-1	Anbo Anbotek Anbot	P. P
Clause	Requirement + Test	Result - Remark	Verdict
Anbore	Ant Otok Ambotek Anbo	otek Anbote Ana	anborek
5.4.7	Tests for semiconductor components and for cemented joints	abotek Anbotek Anbo	N/A
5.4.8	Humidity conditioning	anbotek Anbo	N/A
	Relative humidity (%):	anbotek Anbot ek Ali	_
abotek	Temperature (°C):	Anbotek Anbot Att	_
nbotek	Duration (h)	ek npotek Anbor A	
5.4.9	Electric strength test:	(See appended table 5.4.9)	N/A
5.4.9.1	Test procedure for a solid insulation type test	ook hotek Anbore	N/A
5.4.9.2	Test procedure for routine tests	Anbore Anborer	N/A
5.4.10	Protection against transient voltages between external circuit	Anbotek Anbotek Anbot	N/A
5.4.10.1	Parts and circuits separated from external circuits	(See appended table 5.4.9)	N/A
5.4.10.2	Test methods	ok spotek Ambories	N/A
5.4.10.2.1	General	on All botek Anbotek	N/A
5.4.10.2.2	Impulse test:	(See appended table 5.4.9)	N/A
5.4.10.2.3	Steady-state test:	(See appended table 5.4.9)	N/A
5.4.11	Insulation between external circuits and earthed circuitry:	(See appended table 5.4.9)	N/A
5.4.11.1	Exceptions to separation between external circuits and earth	otek Anbotek Anbotek	N/A
5.4.11.2	Requirements	botek Anbote And	N/A
rek an	Rated operating voltage U <sub>op</sub> (V)	hotek Anboten Anti-	
work.	Nominal voltage U <sub>peak</sub> (V):	Anborek Anborek Anbo	
in otek	Max increase due to variation U <sub>sp</sub> :	Anti-	
Amo	Max increase due to ageing ΔUsa:	Arthur Anbotek A	
Anbo	U <sub>op</sub> = U <sub>peak</sub> + Δ U <sub>sp</sub> + ΔU <sub>sa</sub> :	ore Arms otek Ambotek	_
5.5	Components as safeguards	Anborek Anbo	Vupo.
5.5.1	General	Anborer Anthone	N/A
5.5.2	Capacitors and RC units	Aupotek Aupo, Ar.	N/A
5.5.2.1	General requirement	Anborek Anbor An	N/A
5.5.2.2	Safeguards against capacitor discharge after disconnection of a connector	(See appended table 5.5.2.2)	N/A
5.5.3	Transformers	(See Annex G.5.3)	N/A
5.5.4	Optocouplers	(See sub-clause 5.4 or Annex G.12)	N/A
5.5.5	Relays	(See Annex G.2)	N/A
5.5.6	Resistors	(See Annex G.10)	N/A



Page 14 of 64 Report No.: 18230SC10061601

hipor	IEC 62368-1	Anbor All otek anbo	HOL. D
Clause	Requirement + Test	Result - Remark	Verdict
Anbore	An Anhotek Anbo	niek Anbore All	Anboiek
5.5.7	SPD's	(See Annex G.8)	N/A
5.5.7.1	Use of an SPD connected to reliable earthing	anbotek Anbo	N/A
5.5.7.2	Use of an SPD between mains and protective earth	Anbotek Anbotek Anbore	N/A
5.5.8	Insulation between the mains and external circuit consisting of a coaxial cable:	(See Annex G.10.3)	N/A
5.6	Protective conductor	Anbo ok hotek	N/A
5.6.2	Requirement for protective conductors	botek Anbott K hotek	N/A
5.6.2.1	General requirements	shotek Anboles Anti-	N/A
5.6.2.2	Colour of insulation	hotek Anbores Anso	N/A
5.6.3	Requirement for protective earthing conductors	hotek Anbotek Ancos	N/A
and otek	Protective earthing conductor size (mm²)	And Antorek An	_
5.6.4	Requirement for protective bonding conductors	Aribu tek sobotek	N/A
5.6.4.1	Protective bonding conductors	potek Anbo tek anbotek	N/A
Anbo	Protective bonding conductor size (mm²)	Anbotek Anbotek	
otek Ar	Protective current rating (A):	Anbotek Anbore All bote	
5.6.4.3	Current limiting and overcurrent protective devices	Anbotek Anbotek Ant	N/A
5.6.5	Terminals for protective conductors	Aribb otek anbotek	N/A
5.6.5.1	Requirement	porek Anto	N/A
tek an	Conductor size (mm²), nominal thread diameter (mm).	inbotes Anbotek Anbotek	N/A
5.6.5.2	Corrosion	Anbotek Anbotek Anbote	N/A
5.6.6	Resistance of the protective system	Anbo tek anbotek Anb	N/A
5.6.6.1	Requirements	Anton ak abotek A	N/A
5.6.6.2	Test Method Resistance (Ω)	(See appended table 5.6.6.2)	N/A
5.6.7	Reliable earthing	nbotek Anbote Am notek	N/A
5.7 Ant	Prospective touch voltage, touch current and prote	ective conductor current	N/A
5.7.2	Measuring devices and networks	Anbotek Anbotek Anbo	N/A
5.7.2.1	Measurement of touch current	(See appended table 5.7.4)	N/A
5.7.2.2	Measurement of prospective touch voltage	K hotek Anborek A	N/A
5.7.3	Equipment set-up, supply connections and earth connections	botek Anbotek Anbotek	N/A
ok Anb	System of interconnected equipment (separate connections/single connection)	Vupotek Vupotek Vupotek	
potek p	Multiple connections to mains (one connection at a time/simultaneous connections)	Anbotek Anbotek Anbo	_



Di. bir.	Page 15 of 64	Report No.: 18230SC100	)61601	
	IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict	
Anborek	Anbo Anborek Anbores Anb	otek Anbores Anbo	botek	
5.7.4	Earthed conductive accessible parts	(See appended Table 5.7.4)	N/A	
5.7.5	Protective conductor current	hoo kek abotek Anbote	N/A	
in Bu	Supply Voltage (V)	Anborek Anbores	_	
ipore l	Measured current (mA)	Anbore Anbo	_	
Aupora	Instructional Safeguard	(See F.4 and F.5)	o <sup>N</sup> N/A	
5.7.6	Prospective touch voltage and touch current due to external circuits	lek Anbotek Anbotek	N/A	
5.7.6.1	Touch current from coaxial cables	bo Ak hotek Anbore	N/A	
5.7.6.2	Prospective touch voltage and touch current from external circuits	Anbotek Anbotek Anbotek	N/A	
5.7.7	Summation of touch currents from external circuits	Anbotek Anbotek An	N/A	
Anbo.	a) Equipment with earthed external circuits Measured current (mA)	otek Anbotek Anbotek	N/A	
ak Anbo	b) Equipment whose external circuits are not referenced to earth. Measured current (mA):	Anbotek Anbotek Anbotek	N/A	

6	ELECTRICALLY- CAUSED FIRE		otek P Ar
6.2	Classification of power sources (PS) and potential in	gnition sources (PIS)	mote/P
6.2.2	Power source circuit classifications	tek obotek Anbote	Pek
6.2.2.1	General	tek abotek Anbore	Potek
6.2.2.2	Power measurement for worst-case load fault:	(See appended table 6.2.2)	PP
6.2.2.3	Power measurement for worst-case power source fault:	(See appended table 6.2.2)	prek P Anton
6.2.2.4	PS1:	(See appended table 6.2.2)	work!P
6.2.2.5	PS2	(See appended table 6.2.2)	P
6.2.2.6	PS3:	ok hotek Anbore	N/A
6.2.3	Classification of potential ignition sources	anboth Anbotest	P
6.2.3.1	Arcing PIS:	Anbore Anbore	N/A
6.2.3.2	Resistive PIS:	Anbore And atek And	sek P Aup
6.3	Safeguards against fire under normal operating and	d abnormal operating conditions	otekP 1
6.3.1 (a)	No ignition and attainable temperature value less than 90 % defined by ISO 871 or less than 300 °C for unknown materials:	(See appended table 5.4.1.5, 6.3.2, 9.0, B.2.6)	Anbotek P Anbotek
6.3.1 (b)	Combustible materials outside fire enclosure	V-0 enclosure and PCB used	Panbotel
6.4	Safeguards against fire under single fault conditions	hotek Anbores Anb	ek P nob
6.4.1	Safeguard Method	Control of fire spread	P





Page 16 of 64 Report No.: 18230SC10061601

-potek	Page 16 of 64  IEC 62368-1	Report No.: 18230SC100	rek no
Clause	Requirement + Test	Result - Remark	Verdict
Oladoc	requirement 1 rest	Tresuit Tremain	Voluici
6.4.2	Reduction of the likelihood of ignition under single fault conditions in PS1 circuits	potek Anbotek Anbotek	Anbo. AnBotek
6.4.3	Reduction of the likelihood of ignition under single fault conditions in PS2 and PS3 circuits	V-0 enclosure and PCB used	Pinboi
6.4.3.1	General	Anton Anbotek Anbo	N/A
6.4.3.2	Supplementary Safeguards	Anbor Ar abotek Ar	N/A
Anborek	Special conditions if conductors on printed boards are opened or peeled	otek Anbotek Anbotek	N/A
6.4.3.3	Single Fault Conditions::	(See appended table 6.4.3)	N/A
rek pr	Special conditions for temperature limited by fuse	Anbo, wek spotek Vupore	N/A
6.4.4	Control of fire spread in PS1 circuits	Anbo	P Am
6.4.5	Control of fire spread in PS2 circuits	Arrbon ak hotek Arr	P
6.4.5.2	Supplementary safeguards:	(See appended tables 4.1.2 and Annex G)	Anboren P Motek
6.4.6	Control of fire spread in PS3 circuit	po potek Anbore	N/A
6.4.7	Separation of combustible materials from a PIS	Aupore Will Posek Aupores	N/A
6.4.7.1	General:	(See tables 6.2.3.1 and 6.2.3.2)	N/A
6.4.7.2	Separation by distance	Anbore Anti-	N/A
6.4.7.3	Separation by a fire barrier	k Anboies And Otek	N/A
6.4.8	Fire enclosures and fire barriers	otek Anboret Ann	anb Pak
6.4.8.1	Fire enclosure and fire barrier material properties	V-0	Photel
6.4.8.2.1	Requirements for a fire barrier	and atek Anborek Anbo	N/A
6.4.8.2.2	Requirements for a fire enclosure	Anti-	P P
6.4.8.3	Constructional requirements for a fire enclosure and a fire barrier	Anbotek Anbotek Anb	abotekP
6.4.8.3.1	Fire enclosure and fire barrier openings	stek anbotek Anbot	N/A
6.4.8.3.2	Fire barrier dimensions	stek subotek Anbo.	N/A
6.4.8.3.3	Top Openings in Fire Enclosure: dimensions (mm)	Anbotek Anbotek Anbote	N/A
boten p	Needle Flame test	Anboten Anbo	N/A
6.4.8.3.4	Bottom Openings in Fire Enclosure, condition met a), b) and/or c) dimensions (mm):	Anbotek Anbotek Ar	N/A
Anbotek	Flammability tests for the bottom of a fire enclosure	hotek Anbotek Anbotek	N/A
6.4.8.3.5	Integrity of the fire enclosure, condition met: a), b) or c):	Anbotek Anbotek Anbotek	N/A
6.4.8.4	Separation of PIS from fire enclosure and fire barrier distance (mm) or flammability rating	V-0	ek P Ar



	Page 17 of 64	Report No.: 18230SC10061601		
	IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict	
Anborek	Anton Ak hotek Anbote Kins	Mek Anborek Anbo	-hotek	
6.5	Internal and external wiring	tek nbotek Anbore	Prek	
6.5.1	Requirements	abotek Anbote	And P otel	
6.5.2	Cross-sectional area (mm²):	Aupo, Wy Polek Aupole,	_	
6.5.3	Requirements for interconnection to building wiring:	Anbotek Anbotek Anbo	N/A	
6.6	Safeguards against fire due to connection to additional equipment	ek Anbotek Anbotek An	N/A	
ek Anbore	External port limited to PS2 or complies with Clause Q.1	botek Anbotek Anbotek	N/A	

7	INJURY CAUSED BY HAZARDOUS SUBSTANCES	
7.2	Reduction of exposure to hazardous substances	N/A
7.3	Ozone exposure	N/A
7.4	Use of personal safeguards (PPE)	N/A
Su. Vur	Personal safeguards and instructions:	(a)K
7.5	Use of instructional safeguards and instructions	N/A
anbotek	Instructional safeguard (ISO 7010)	
7.6	Batteries:	N/A

8	MECHANICALLY-CAUSED INJURY		Potek
8.1	General	Enclosure is smooth and no mechanical energy sources	P
8.2	Mechanical energy source classifications	MS1	otek P Ant
8.3	Safeguards against mechanical energy sources	k Aupotek Aupon ak	N/A
8.4	Safeguards against parts with sharp edges and corners	otek Anbotek Anbotek	N/A
8.4.1	Safeguards	inbotek Anbe	N/A
8.5	Safeguards against moving parts	Anbotek Anbo. Ak abotel	N/A
8.5.1	MS2 or MS3 part required to be accessible for the function of the equipment	Anbotek Anbotek Anb	N/A
8.5.2	Instructional Safeguard::	Anbe tek nbotek A	_
8.5.4	Special categories of equipment comprising moving parts	tek Anbotek Anbotek	N/A
8.5.4.1	Large data storage equipment	ho stek anbotek Anbot	N/A
8.5.4.2	Equipment having electromechanical device for destruction of media	Anbotek Anbotek Anbo	N/A
8.5.4.2.1	Safeguards and Safety Interlocks	(See Annex F.4 and Annex K)	N/A





Page 18 of 64 Report No.: 18230SC10061601

IEC 62368-1			
Clause	Requirement + Test	Result - Remark	Verdict
Aupole	Aug Jok Hotek Wildow	rek Anbole And	shotek
8.5.4.2.2	Instructional safeguards against moving parts	stek upotek Aupo.	N/A
ek ab	Instructional Safeguard:	hos tek hopotek Aupora	
8.5.4.2.3	Disconnection from the supply	Anbo tek abotek Anbote	N/A
8.5.4.2.4	Probe type and force (N)	Anbo. A. abotek Anbr	N/A
8.5.5	High Pressure Lamps	Anbor A. botek	N/A
8.5.5.1	Energy Source Classification	ek Aupor Au	N/A
8.5.5.2	High Pressure Lamp Explosion Test	(See appended table 8.5.5.2)	N/A
8.6	Stability	shortek Anbore Ann stek	N/A
8.6.1	Product classification	Anborek Anbores Anb	N/A
bolek.	Instructional Safeguard:	Antotek Anbotek Anto	_
8.6.2	Static stability	And otek anbotek Ar	N/A
8.6.2.2	Static stability test	arek nabotek	N/A
Anbo	Applied Force:	potek Anbotek	_
8.6.2.3	Downward Force Test	Anbotek Anbo tek abotek	N/A
8.6.3	Relocation stability test	anbotek Antro	N/A
nbotek	Unit configuration during 10° tilt:	Anborek Anboy All	_
8.6.4	Glass slide test	ok unbotek Anbort An	N/A
8.6.5	Horizontal force test (Applied Force):	stek supotek Aubore	N/A
, abo	Position of feet or movable parts:	tek abotek Anbete	- 0
8.7	Equipment mounted to wall or ceiling	Yupo, Wir Spotek Wupotek	N/A
8.7.1	Mounting Means (Length of screws (mm) and mounting surface)	Ambotek Anbotek Anbot	N/A
8.7.2	Direction and applied force:	k vupotek Vupote Vi	N/A
8.8	Handles strength	tek upotek Anbote	N/A
8.8.1	Classification	ok obotek Anboten	N/A
3.8.2	Applied Force:	inbor An borek Anboren	N/A
8.9	Wheels or casters attachment requirements	Anbore Anbore	N/A
8.9.1	Classification	Anbote Anb	N/A
8.9.2	Applied force:	Anboien Anbo	. —
8.10	Carts, stands and similar carriers	tek Anboren Aribb	N/A
8.10.1	General	hotek Anborek Anbo.	N/A
8.10.2	Marking and instructions	notek anbotek Ambore	N/A
stek .	Instructional Safeguard:	And otek Antotek Antote	
8.10.3	Cart, stand or carrier loading test and compliance	Anbo. An botek Anb	N/A



Page 19 of 64	Report No.: 18230SC10061601

-	Page 19 of 64	Report No.: 18230SC100	061601
	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
Anbotek	Anto Antone Antone Antone	otek Anbores Anbe	-hotek
anbote	Applied force:	otek Anbotek Anbote	
8.10.4	Cart, stand or carrier impact test	ho tek hotek Anboro	N/A
8.10.5	Mechanical stability	Anborek Anborek	N/A
ipo. P	Applied horizontal force (N)	Anbo. A. abotek Anbo	_
8.10.6	Thermoplastic temperature stability (°C)	Anbor Ar borek Ar	N/A
8.11	Mounting means for rack mounted equipment	lek Anbor ok hotek	N/A
8.11.1	General	botek Anbote Att hotek	N/A
8.11.2	Product Classification	shotek Anbote And	N/A
8.11.3	Mechanical strength test, variable N	botek Anbote And	N/A
8.11.4	Mechanical strength test 250N, including end stops	An hotek Anboter Anbo	N/A
8.12	Telescoping or rod antennas	(See Annex T)	N/A
Ann	Button/Ball diameter (mm):	Ann otek Anbotek	

9	THERMAL BURN INJURY	0 00	Р
9.2	Thermal energy source classifications	Classified as TS1	Р
9.3	Safeguard against thermal energy sources		N/A
9.4	Requirements for safeguards		N/A
9.4.1	Equipment safeguard		N/A
9.4.2	Instructional safeguard:		N/A

10	RADIATION		Panbe
10.2	Radiation energy source classification	Anbore And otek and	OLEK B WUL
10.2.1	General classification	LED light, RS1	nbote <sup>K</sup> P
10.3	Protection against laser radiation	No laser radiation	N/A
k anbote	Laser radiation that exists equipment:	wotek Anbotek Anbo	_
rek onb	Normal, abnormal, single-fault:	(See attached laser test report)	N/A
-tel-	Instructional safeguard:	Anto tek anbotek Anbor	_
nbo	Tool:	Anber tek anbotek Anbe	_
10.4	Protection against visible, infrared, and UV radiation	RS1 conformed	portek
10.4.1	General	Lotek Anbotek Anbo	Potek
10.4.1.a)	RS3 for Ordinary and instructed persons	otek anbotek Anbo	N/A
10.4.1.b)	RS3 accessible to a skilled person	And tek nbotek Anbot	N/A
anbotek p	Personal safeguard (PPE) instructional safeguard	Anbotek Anbotek Anbo	_





Page 20 of 64 Report No.: 18230SC10061601

botek	Page 20 of 64  IEC 62368-1	Report No.: 18230SC100	ek .
Clause	Requirement + Test	Result - Remark	Verdict
Clause	Requirement + Test	Result - Remark	Verdict
10.4.1.c)	Equipment visible, IR, UV does not exceed RS1.:	ter and tek anborek	N/A
10.4.1.d)	Normal, abnormal, single-fault conditions:	uporek huporek	N/A
10.4.1.e)	Enclosure material employed as safeguard is opaque:	Aupotek Aupotek Aupotek	N/A
10.4.1.f)	UV attenuation:	hotek Anborok Aribe	N/A
10.4.1.g)	Materials resistant to degradation UV	kun notek vupotek Vi	N/A
10.4.1.h)	Enclosure containment of optical radiation:	And stelk Anbotek	N/A
10.4.1.i)	Exempt Group under normal operating conditions	botek Anbotek Anbotek	Anbor
10.4.2	Instructional safeguard:	hotek Anbores Anbo	N/A
10.5	Protection against x-radiation	And Antores And	N/A
10.5.1	X- radiation energy source that exists equipment:	(See appended table B.3 & B.4)	N/A
Anbo	Normal, abnormal, single fault conditions	Arib stek Antostek	N/A
Anko	Equipment safeguards	potek Anto	N/A
Aupo	Instructional safeguard for skilled person:	unbotek Anbou	N/A
10.5.3	Most unfavourable supply voltage to give maximum radiation:	Anboten Anbotek Anbote	_
up atek	Abnormal and single-fault condition:	(See appended table B.3 & B.4)	N/A
Anbu	Maximum radiation (pA/kg)	Ant tek abotek	N/A
10.6	Protection against acoustic energy sources	Otek Wube	N/A
10.6.1	General	inbotek Anbo sk kotek	N/A
10.6.2	Classification	Anbotek Anboi ak hote	N/A
botek	Acoustic output, dB(A)	abotek Anbott An	N/A
boick	Output voltage, unweighted r.m.s	Anbore Ant	N/A
10.6.4	Protection of persons	ak hotek Anbotes A	N/A
Viv.	Instructional safeguards:	on Andrew Ambores	N/A
ek Ant	Equipment safeguard prevent ordinary person to RS2	nbotek Anbotek Anbotek	_
potek I	Means to actively inform user of increase sound pressure	Anbotek Anbotek Anbo	_
Anborek	Equipment safeguard prevent ordinary person to RS2:	lek anbotek Anbotek A	_
10.6.5	Requirements for listening devices (headphones, earphones, etc.)	botek Anbotek Anbotek	N/A
10.6.5.1	Corded passive listening devices with analog input	Anbotek Anbotek Anbotek	N/A
inbotek	Input voltage with 94 dB(A) L <sub>Aeq</sub> acoustic pressure output	Anbotek Anbotek Anbo	_
	100 All 100 All 100	7.4 VOV NO.	



	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
Anborek	Anbour Anbour Anbour	rek Anbores Anbe	-hotek
10.6.5.2	Corded listening devices with digital input	tek nbotek Anbors	N/A
ek op	Maximum dB(A):	abotek Anbote	_
10.6.5.3	Cordless listening device	Anborek Anborek	N/A
DOLL	Maximum dB(A):	Anboy Anboy	_

В	NORMAL OPERATING CONDITION TESTS, ABI CONDITION TESTS AND SINGLE FAULT COND	NORMAL OPERATING ITION TESTS	Anbot P
B.2	Normal Operating Conditions	bo k hotek Anbore	Amb
B.2.1	General requirements:	Anbote Anbotek	N/A
poten A	Audio Amplifiers and equipment with audio amplifiers:	Anbotek Ambotek Anbot	N/A
B.2.3	Supply voltage and tolerances	Jk hotek Anbotes An	P
B.2.5	Input test	(See appended table B.2.5)	Anba Pek
B.3	Simulated abnormal operating conditions	bote Anti-	N/A
B.3.1	General requirements	Anbore And Stek Anborek	N/A
B.3.2	Covering of ventilation openings	Anbores And stek anbor	N/A
B.3.3	D.C. mains polarity test	Anbotel Anbo	N/A
B.3.4	Setting of voltage selector:	k upotek Anbo	N/A
B.3.5	Maximum load at output terminals	stek anbotek Ambo	N/A
B.3.6	Reverse battery polarity	tek abotek Anbote	N/A
B.3.7	Abnormal operating conditions as specified in Clause E.2.	Anbotek Anbotek Anbote	N/A
B.3.8	Safeguards functional during and after abnormal operating conditions	Anbotek Anbotek Anb	N/A
B.4	Simulated single fault conditions	Anbotek anbotek	nbox P
B.4.2	Temperature controlling device open or short-circuited:	(See appended table B.4)	N/A
B.4.3	Motor tests	hotek Anbotek Anbo	N/A
B.4.3.1	Motor blocked or rotor locked increasing the internal ambient temperature:	(See Clause G.5)	N/A
B.4.4	Short circuit of functional insulation	Anbotes Ant stak	ibote <sup>k</sup> P
B.4.4.1	Short circuit of clearances for functional insulation	tek Aupotek Aupo. tek	nobol P <sup>k</sup>
B.4.4.2	Short circuit of creepage distances for functional insulation	botek Anbotek Anbotek	Potek
B.4.4.3	Short circuit of functional insulation on coated printed boards	Anbotek Anbotek Anbotek	P. Ibo
B.4.5	Short circuit and interruption of electrodes in tubes and semiconductors	Amborek Amborek Anti-	potek P





Page 22 of 64 Report No.: 18230SC10061601

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
anborek	Anto Antorek Antorek Antore	stek Anbores Anbo	botek
B.4.6	Short circuit or disconnect of passive components	rek nbotek Anbou	Prel
B.4.7	Continuous operation of components	lipo, wek apolek Aupole	N/A
B.4.8	Class 1 and Class 2 energy sources within limits during and after single fault conditions	Vupotek Vupotek Vupote	ek Pup
B.4.9	Battery charging under single fault conditions:	anbotek Anbote All	N/A
С	UV RADIATION		N/A
C.1 Anborel	Protection of materials in equipment from UV radiation	botek Anbotek Anbotek	N/A
C.1.2	Requirements	anbotek Anbot A notek	N/A
C.1.3	Test method	abotek Anbote And	N/A
C.2	UV light conditioning test	Anbotek Anbotes Anb	N/A
C.2.1	Test apparatus	k hotek Anbotek An	N/A
C.2.2	Mounting of test samples	And work Anbotek	N/A
C.2.3	Carbon-arc light-exposure apparatus	potes And Stek Anbotek	N/A
C.2.4	Xenon-arc light exposure apparatus	Anbores Anti-	N/A
D	TEST GENERATORS		N/A
D.1	Impulse test generators	Anbotek Anbo ak	√ N/A
D.2	Antenna interface test generator	k anbotek Anbot Ak	N/A
D.3	Electronic pulse generator	sek obotek Anbote	N/A
E	TEST CONDITIONS FOR EQUIPMENT CONTAIN	NING AUDIO AMPLIFIERS	N/A
E.1	Audio amplifier normal operating conditions	unbo. A hotek Anbote.	N/A
N. VIII	Audio signal voltage (V)	Anbore Andrew	_
nboren	Rated load impedance (Ω):	Anbores Are	
E.2	Audio amplifier abnormal operating conditions	k Aupoles Aug	N/A
F	EQUIPMENT MARKINGS, INSTRUCTIONS, AND	INSTRUCTIONAL SAFEGUARDS	aboP <sup>N</sup>
F.1 Nabote	General requirements	otek Anbotek Anbo	Pote
rek ant	Instructions – Language:	English	_
F.2	Letter symbols and graphical symbols	Anborek Anborek	P
F.2.1	Letter symbols according to IEC60027-1	Anbo Al Abotek Anbo	P
F.2.2	Graphic symbols IEC, ISO or manufacturer specific	tek Anbotek Anbotek A	ibotok P
F.3 nbote	Equipment markings	stek Anbotek Anbotek	Potel
F.3.1	Equipment marking locations	Mo, by apolek Vuporer	P
F.3.2	Equipment identification markings	Anbore All botek Anbore	P
F.3.2.1	Manufacturer identification	See page 3	a Ve





Page 23 of 64 Report No.: 18230SC10061601

upo, p	IEC 62368-1	Aupo, Air otek Vupo	ber b
Clause	Requirement + Test	Result - Remark	Verdict
Anbote	And hotek Anbo. A.	tek Anbote Ant	-hotek
F.3.2.2	Model identification:	See page 3	
F.3.3	Equipment rating markings	See page 3	P
F.3.3.1	Equipment with direct connection to mains	Anborek Anbore	N/A
F.3.3.2	Equipment without direct connection to mains	Anbo, Ar Hotek Anbo	P
F.3.3.3	Nature of supply voltage:	===used	_
F.3.3.4	Rated voltage	See label	_
F.3.3.5	Rated frequency	botek Anbore Ame	_
F.3.3.6	Rated current or rated power	See label	
F.3.3.7	Equipment with multiple supply connections	hotek Anbore Ann	N/A
F.3.4	Voltage setting device	An Lotek Amborel And	N/A
F.3.5	Terminals and operating devices	And Andrew An	N/A
F.3.5.1	Mains appliance outlet and socket-outlet markings:	notek Anbotek Anbotek	N/A
F.3.5.2	Switch position identification marking:	hotek Anbotek Anbo	N/A
F.3.5.3	Replacement fuse identification and rating markings:	Anbotek Anbotek Anbet	N/A
F.3.5.4	Replacement battery identification marking:	Anbores Ans otek ont	N/A
F.3.5.5	Terminal marking location	k Anbores Anb	N/A
F.3.6	Equipment markings related to equipment classification	otek Anbotek Anbotek	N/A
F.3.6.1	Class I Equipment	inpose And otek Andotek	N/A
F.3.6.1.1	Protective earthing conductor terminal	Anbore Anti	N/A
F.3.6.1.2	Neutral conductor terminal	anborek Anbe	N/A
F.3.6.1.3	Protective bonding conductor terminals	Anbotek Anbo	N/A
F.3.6.2	Class II equipment (IEC60417-5172)	tek Anbotek Anbot	N/A
F.3.6.2.1	Class II equipment with or without functional earth	tek obotek Anbote	N/A
F.3.6.2.2	Class II equipment with functional earth terminal marking	Anbotek Anbotek Anbotek	N/A
F.3.7	Equipment IP rating marking:	unpotek Aupon Ak	_
F.3.8	External power supply output marking	Pupotek Aupone, Aug	wotek P
F.3.9	Durability, legibility and permanence of marking	ak abotek Anboter A	P
F.3.10	Test for permanence of markings	After test there was no damage on the label. The marking on the label did not fade. There was no curling and lifting of the label edge.	Anbotel Anbotel
F.4	Instructions	Annual An	e <sup>k</sup> P N



hotek	Page 24 of 64  IEC 62368-1	Report No.: 18230SC10	tek.
Clause	Requirement + Test	Result - Remark	Verdic
hotek	Anborek Angeller anborek Anbore	ak hotek Komani	beroide
Anbore	a) Equipment for use in locations where children not likely to be present - marking	botek Anbotek Anbotek	N/A
anb Anb	b) Instructions given for installation or initial use	anbotek Anbote And Motek	N/A
otek	c) Equipment intended to be fastened in place	abotek Anbotes And	N/A
inbotek sek	d) Equipment intended for use only in restricted access area	Anbotek Anbotek An	N/A
Anbotel	e) Audio equipment terminals classified as ES3 and other equipment with terminals marked in accordance F.3.6.1	potek Anbotek Anbotek	N/A
And	f) Protective earthing employed as safeguard	Anbotek Anbotek	N/A
otek A	g) Protective earthing conductor current exceeding ES 2 limits	Anbotek Anbotek Anbot	N/A
'un otek	h) Symbols used on equipment	And Anbotek Anbotek	N/A
Anbotek	i) Permanently connected equipment not provided with all-pole mains switch	otek Anbotek Anbotek	N/A
k Anbo	j) Replaceable components or modules providing safeguard function	Anbotek Anbotek Anbotek	N/A
F.5	Instructional safeguards	Anbore And Anbor	N/A
Anbotek Anbotek	Where "instructional safeguard" is referenced in the test report it specifies the required elements, location of marking and/or instruction	k Anbotek Anbotek Ant	N/A
G	COMPONENTS	100° aV	anb Pek
3.1 Anbo	Switches	botek Anbore All otek	Root
3.1.1	General requirements	botek Anbotek Anbo	P
G.1.2	Ratings, endurance, spacing, maximum load	hotek Anboten Anb	N/A
3.2 NOTE	Relays	Anbotek Anboten Anb	N/A
G.2.1	General requirements	And Anbotek	N/A
G.2.2	Overload test	ter. And otek Anbotek	N/A
3.2.3 Ambo	Relay controlling connectors supply power	hbotek Anbotek	N/A
G.2.4	Mains relay, modified as stated in G.2	anbotek Anbo sek abotel	N/A
G.3	Protection Devices	Vupotek Vupo, Vek Po	→ N/A
G.3.1	Thermal cut-offs	abotek Anboy Al	N/A
G.3.1.1a) &b)	Thermal cut-outs separately approved according to IEC 60730 with conditions indicated in a) & b)	ek Anbotek Anbotek A	N/A
G.3.1.1c)	Thermal cut-outs tested as part of the equipment as indicated in c)	botek Anbotek Anbotek	N/A
G.3.1.2	Thermal cut-off connections maintained and secure	Anbotek Anbotek Anbotek	N/A



Page 25 of 64 Report No.: 18230SC10061601

	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
G.3.2.1a)	Thermal links separately tested with IEC 60691	atek Anborok	N/A
G.3.2.1b)	Thermal links tested as part of the equipment	Alborek Mood tek aborek	N/A
G.G.Z. 15)	Aging hours (H):	Pupotek Pupo, W.	(e) 10/1
potek p	Single Fault Condition:	Vupotak Bupos Vis	//o'
nbotek	Test Voltage (V) and Insulation Resistance ( $\Omega$ ).	K Anborak Anbore Al	
G.3.3	PTC Thermistors	ek vapolek Bupole	N/A
G.3.4	Overcurrent protection devices	o Anborek Anbore	N/A
G.3.5	Safeguards components not mentioned in G.3.1 to	G 3 5	N/A
G.3.5.1	Non-resettable devices suitably rated and marking provided	0.0.0	N/A
G.3.5.2	Single faults conditions	(See appended Table B.4)	N/A
G.4.00101	Connectors	stek Anbotek Anton	N/A
G.4.1	Spacings	otek nabotek Anbots	N/A
G.4.2	Mains connector configuration:	stek shotek Anbore	N/A
G.4.3	Plug is shaped that insertion into mains socket- outlets or appliance coupler is unlikely	Anbotek Anbotek Anbote	N/A
G.5	Wound Components	Anbotek Anbo	N/A
G.5.1	Wire insulation in wound components	(See Annex J)	N/A
G.5.1.2 a)	Two wires in contact inside wound component, angle between 45° and 90°	hotek Anbotek Anbotek	N/A
G.5.1.2 b)	Construction subject to routine testing	inbote. Ann tek inbote	N/A
G.5.2	Endurance test on wound components	Anbotek Anbo	N/A
G.5.2.1	General test requirements	anbotek Anbo. Ak	N/A
G.5.2.2	Heat run test	er Anbotek Anbot	N/A
abotek	Time (s)	tek shorek Anboto	
, above	Temperature (°C)	tek abotek Anbote	_
G.5.2.3	Wound Components supplied by mains	hupo, ek aposek Vupose.	N/A
G.5.3	Transformers	Anbor ok Motek Anbo	N/A
G.5.3.1	Requirements applied (IEC61204-7, IEC61558-1/-2, and/or IEC62368-1)	Aupolek Wipolek W	N/A
abotek	Position	ek abotek Anbote	P
, bote	Method of protection:	tek abotek Anbores	_
G.5.3.2	Insulation	Alborek Anborek	N/A
-k Pun	Protection from displacement of windings	Aupon Aupon	_
G.5.3.3	Overload test:	(See appended table B.3)	N/A
G.5.3.3.1	Test conditions	k apolog bulga	N/A





Page 26 of 64 Report No.: 18230SC10061601

LOX.	IEC 62368-1	Ant abotek Anbo	P
Clause	Requirement + Test	Result - Remark	Verdict
G.5.3.3.2	Winding Temperatures testing in the unit	ntek Anbo kek nbotek	N/A
G.5.3.3.3	Winding Temperatures - Alternative test method	pupotek Pupo, Will Dougek	N/A
3.5.5.3 3.5.4	Motors	upotak Anbore Ali	N/A
G.5.4.1	General requirements	anbotak Arhote An	N/A
obotek	Position:	K nborek Anbores Ant	IN//A
G.5.4.2	Test conditions	ok Polsk Vupoles VL	N/A
3.5.4.2 3.5.4.3	Running overload test	ore Antorek Antorek	N/A
3.5.4.3 G.5.4.4	Locked-rotor overload test	Sofer And Sofek	N/A
5.5.4.4	Test duration (days)	Anboten Anbe	IN/A
G.5.4.5	Running overload test for d.c. motors in secondary circuits	Anbotek Anbotek Anbot	N/A
G.5.4.5.2	Tested in the unit	K hotek Anbotek An	N/A
3.3.4.3.2	Electric strength test (V)	Amb Notek Anbotek	ON/A
G.5.4.5.3	Tested on the Bench - Alternative test method; test time (h)	Anbotek Anbotek Anbotek	N/A
otek Pr	Electric strength test (V)	, A 10, Di	
G.5.4.6	Locked-rotor overload test for d.c. motors in secondary circuits	Anborek Antonek Ant	N/A
G.5.4.6.2	Tested in the unit	Ambo stek anbotek	N/A
Anbo	Maximum Temperature	See table B.4	N/A
Aupo	Electric strength test (V):	V. tall' La	N/A
G.5.4.6.3	Tested on the bench - Alternative test method; test time (h)	Pupotes Vupotek Vupote	N/A
ips	Electric strength test (V):	Anto stek antorek Anto	N/A
G.5.4.7	Motors with capacitors	Arib tek hibotek p	N/A
G.5.4.8	Three-phase motors	obteh And tek abotek	N/A
G.5.4.9	Series motors	anbotek Anbe	N/A
ek An'	Operating voltage	anbotek Anbour	_
G.6	Wire Insulation	Anborek Anbores Anb	N/A
G.6.1	General	I abotek Anbotes And	N/A
G.6.2	Solvent-based enamel wiring insulation	lek abotek Anboron A	N/A
3.7 HOTE	Mains supply cords	or Anbores	N/A
G.7.1	General requirements	anbotek Anbotek	N/A
V Pulp	Туре:	Anbore And Anborek	_
oten	Rated current (A)	Anboren Anbo	_
anborek	Cross-sectional area (mm²), (AWG):	K Anbolek Anbole An	
- ROY	No. Dr. No.	A Sport Al	- 1





Page 27 of 64 Report No.: 18230SC10061601

Page 27 of 64 Report No.: 18230SC10061601				
hiporo	IEC 62368-1	Anbers All	pter p	
Clause	Requirement + Test	Result - Remark	Verdict	
Anbore.	Ann otek Ambrek Anbo A	tek Anbore And	Anbotek	
G.7.2	Compliance and test method	notek anbotek Anbo	N/A	
G.7.3	Cord anchorages and strain relief for non- detachable power supply cords	Anbotek Anbotek Anbotek	N/A	
G.7.3.2	Cord strain relief	Aupotek Aupo	N/A	
G.7.3.2.1	Requirements	anbotek Anbot Att	N/A	
hotek	Strain relief test force (N):	ek abotek Anbote Ar	_	
G.7.3.2.2	Strain relief mechanism failure	rek potek Anbote	N/A	
G.7.3.2.3	Cord sheath or jacket position, distance (mm):	pot Anbotek Anbotek	_	
G.7.3.2.4	Strain relief comprised of polymeric material	Amboret Amboret	N/A	
G.7.4	Cord Entry:	(See appended table 5.4.11.1)	N/A	
G.7.5	Non-detachable cord bend protection	Anbores Anti	N/A	
G.7.5.1	Requirements	sk Aupotek Aupo	N/A	
G.7.5.2	Mass (g):	otek Anbotek Anbo		
K Napo	Diameter (m)	otek Anbotek Anbot	_	
rek	Temperature (°C):	Arib tek nbotek Anbotek	_	
G.7.6	Supply wiring space	Anbotek Anbotek	N/A	
G.7.6.2	Stranded wire	Anbor Antorek Ant	N/A	
G.7.6.2.1	Test with 8 mm strand	ok Anbor ak abotek	N/A	
G.8 M	Varistors and Annual An	botek Anbo ak botek	N/A	
G.8.1	General requirements	abotek Anbourk Antonek	N/A	
G.8.2	Safeguard against shock	abotek Anbore Ann	N/A	
G.8.3	Safeguard against fire	-botek Anbole And	N/A	
G.8.3.2	Varistor overload test:	(See appended table B.3)	N/A	
G.8.3.3	Temporary overvoltage	(See appended table B.3)	N/A	
G.9	Integrated Circuit (IC) Current Limiters	pore Annuatek anbotek	N/A	
G.9.1 a)	Manufacturer defines limit at max. 5A.	inbole, And otek anbotek	N/A	
G.9.1 b)	Limiters do not have manual operator or reset	Anbore Ant rek nbore	N/A	
G.9.1 c)	Supply source does not exceed 250 VA:	anbotek Anbe	_	
G.9.1 d)	IC limiter output current (max. 5A)	Anbotek Anbo	_	
G.9.1 e)	Manufacturers' defined drift:	tek Anbotek Anbotek A		
G.9.2	Test Program 1	stek anbotek Anbotek	N/A	
G.9.3	Test Program 2	ing the potek Aupoier	N/A	
G.9.4	Test Program 3	Anbore Ant Hotek Anborek	N/A	
G.10	Resistors	Anbote k wotek anbo	N/A	
G.10.1	General requirements	Authores Aug	N/A	





Page 28 of 64 Report No.: 18230SC10061601

*6/K	Page 28 of 64	Report No.: 18230SC10	061601
upo, P	IEC 62368-1	Anbo, Air notek Anb	oter p
Clause	Requirement + Test	Result - Remark	Verdict
Anbore	And Anborek Anbo. A.	rek Anbore. And	Achotek .
G.10.2	Resistor test	rek upotek Anbo	N/A
G.10.3	Test for resistors serving as safeguards between the mains and an external circuit consisting of a coaxial cable		
G.10.3.1	General requirements	And stek Anbotek Anbo	N/A
G.10.3.2	Voltage surge test	Anibotek Anbotek Ar	N/A
G.10.3.3	Impulse test	lek Aupo, rek apolek	N/A
G.11 Aribon	Capacitor and RC units	nbotek Anbot ak hotek	N/A
G.11.1	General requirements	abotek Anbott k Anti-	N/A
G.11.2	Conditioning of capacitors and RC units	botek Anbotes Anti-	N/A
G.11.3	Rules for selecting capacitors	hotek Anbotel Anbo	N/A
G.12	Optocouplers	And stek Anbotek An	N/A
Anbotek Anbotek	Optocouplers comply with IEC 60747-5-5:2007 Spacing or Electric Strength Test (specify option and test results)	otek Anbotek Anbotek	N/A
V. Pico	Type test voltage Vini:	Anbore Anbores	_
Otor Pu	Routine test voltage, Vini,b:	Anbores Anbor	
G.13	Printed boards	Auporan Auporak au	o <sup>to</sup> P
G.13.1	General requirements	ok Anboies Ann	nbotek P
G.13.2	Uncoated printed boards	otek Anbores Anbo	anb Pak
G.13.3	Coated printed boards	Lotek Anbores Anus	N/A
G.13.4	Insulation between conductors on the same inner surface	Anbotek Anbotek Anbote	N/A
nbotek	Compliance with cemented joint requirements (Specify construction):	Anbotek Anbotek Anb	_
G.13.5	Insulation between conductors on different surfaces	otek Anbotek Anbotek	N/A
Anbore	Distance through insulation	(See appended table 5.4.4.5)	N/A
rek Anb	Number of insulation layers (pcs):	abotek Anbore Am	
G.13.6	Tests on coated printed boards	abotek Anbores Anbo	N/A
G.13.6.1	Sample preparation and preliminary inspection	Anbotek Anbotes Anb	N/A
G.13.6.2a)	Thermal conditioning	And sofek Anbotek A	N/A
G.13.6.2b)	Electric strength test	ore Anna Stek Supotek	N/A
G.13.6.2c)	Abrasion resistance test	Anto tek abotek	N/A
G.14	Coating on components terminals	Anbotek Anboy Al botek	N/A
G.14.1	Requirements	(See G.13)	N/A
G.15	Liquid filled components	r Potek Vupater Pup	N/A



Page 29 of 64 Report No.: 18230SC10061601

	IEC 62368-1	Anbore Ans	
Clause	Requirement + Test	Result - Remark	Verdict
Anboles	Arm ak hotek Anbo	rek mbole And	botek
G.15.1	General requirements	tek upotek Aupo,	N/A
G.15.2	Requirements	Anbore Anborek Anbore	N/A
G.15.3	Compliance and test methods	Anbor Anborek Anbore	N/A
G.15.3.1	Hydrostatic pressure test	Anboy All Botek Anbo	N/A
G.15.3.2	Creep resistance test	Arbore Ant Lotek Ar	N/A
G.15.3.3	Tubing and fittings compatibility test	potek Anbote And otek	N/A
G.15.3.4	Vibration test	notek Anbotek Anbo	N/A
G.15.3.5	Thermal cycling test	Anbotek Anbotek Anbo	N/A
G.15.3.6	Force test	And otek Anbotek Anbo	N/A
G.15.4	Compliance	Anto tek anbotek Anbot	N/A
G.16	IC including capacitor discharge function (IC)	() Anbe tak abotek An	N/A
a) wholek	Humidity treatment in accordance with sc 5.4.8 – 120 hours	otek Anbotek Anbotek	N/A
o) Ambo	Impulse test using circuit 2 with Uc = to transient voltage	Anbotek Anbotek Anbotek	N/A
C1) M	Application of ac voltage at 110% of rated voltage for 2.5 minutes	Anbotek Anbotek Anbote	N/A
C2)	Test voltage	Anto tek anbotek Ant	_
D1)	10,000 cycles on and off using capacitor with smallest capacitance resistor with largest resistance specified by manufacturer	ores Anbotek Anbotek	N/A
D2)	Capacitance	Rupology Willows Ofek Vupolek	_
D3)	Resistance	Anboren Aribo	
1	CRITERIA FOR TELEPHONE RINGING SIGNA	LS	N/A
1.100 <sup>76</sup>	General	tek upole And	N/A
H.2 mbotek	Method A	rek supotek Ambors	N/A
H.3	Method B	nborek Anborek	N/A
H.3.1	Ringing signal	Anborek Anborek	N/A
H.3.1.1	Frequency (Hz)	Anbore All hotek Anbores	
H.3.1.2	Voltage (V)	Antore Ante	
H.3.1.3	Cadence; time (s) and voltage (V)	te Auguste, Vun	_
H.3.1.4	Single fault current (mA):	byter Anbater and stek	
H.3.2	Tripping device and monitoring voltage:	The state of the s	N/A
H.3.2.1	Conditions for use of a tripping device or a monitoring voltage complied with	Anbotek Anbusek Anbotek	N/A
H.3.2.2	Tripping device	Vulniter Mpg	N/A





Page 30 of 64 Report No.: 18230SC10061601

-hotek	Anbote	And otek Anborel	IEC 62368-1	Report No.: 10230	30010001001
Clause	Anboten	Requirement + Te	Hek Aupor	Result - Remark	Verdict

H.3.2.3	Monitoring voltage (V)	stek "upo, by,	VIII.
J	INSULATED WINDING WIRES FOR USE WITHO	UT INTERLEAVED INSULATION	N/A
-alt	General requirements	(See separate test report)	N/A
K	SAFETY INTERLOCKS		N/A
K.1	General requirements		N/A
K.2	Components of safety interlock safeguard (See Annex G) mechanism		N/A
K.3	Inadvertent change of operating mode		N/A
K.4	Interlock safeguard override		N/A
K.5	Fail-safe		N/A
	Compliance	(See appended table B.4)	N/A
K.6	Mechanically operated safety interlocks		N/A
K.6.1	Endurance requirement		N/A
K.6.2	Compliance and Test method		N/A
K.7	Interlock circuit isolation		N/A
K.7.1	Separation distance for contact gaps & interlock circuit elements (type and circuit location):		N/A
K.7.2	Overload test, Current (A)		N/A
K.7.3	Endurance test		N/A
K.7.4	Electric strength test	(See appended table 5.4.9)	N/A
L	DISCONNECT DEVICES		N/A
L.1	General requirements		N/A
L.2	Permanently connected equipment		N/A
L.3	Parts that remain energized		N/A
L.4	Single phase equipment		N/A
L.5	Three-phase equipment		N/A
L.6	Switches as disconnect devices		N/A
L.7	Plugs as disconnect devices		N/A
L.8	Multiple power sources		N/A
М	EQUIPMENT CONTAINING BATTERIES AND TH	HEIR PROTECTION CIRCUITS	N/A
M.1	General requirements	No such battery used	N/A
M.2	Safety of batteries and their cells		N/A
M.2.1	Requirements		N/A
M.2.2	Compliance and test method (identify method):		N/A
M.3	Protection circuits		N/A



Page 31 of 64 Report No.: 18230SC10061601

hotek	IEC 62368-1	Anbotek Anbo	potek p
Clause	Requirement + Test	Result - Remark	Verdict
anbotek	Aupo, Mr. Potek Vupores, Vup	Aupolek Aupo,	hotek
M.3.1	Requirements		N/A
M.3.2	Tests		N/A
	- Overcharging of a rechargeable battery		N/A
	- Unintentional charging of a non-rechargeable battery		N/A
	- Reverse charging of a rechargeable battery		N/A
	- Excessive discharging rate for any battery		N/A
M.3.3	Compliance ::		N/A
M.4	Additional safeguards for equipment containing secondary lithium battery		N/A
M.4.1	General		N/A
M.4.2	Charging safeguards		N/A
M.4.2.1	Charging operating limits		N/A
M.4.2.2a)	Charging voltage, current and temperature:		_
M.4.2.2 b)	Single faults in charging circuitry		_
M.4.3	Fire Enclosure		N/A
M.4.4	Endurance of equipment containing a secondary lithium battery		N/A
M.4.4.2	Preparation		N/A
M.4.4.3	Drop and charge/discharge function tests		N/A
	Drop		N/A
	Charge		N/A
	Discharge		N/A
M.4.4.4	Charge-discharge cycle test		N/A
M.4.4.5	Result of charge-discharge cycle test		N/A
M.5	Risk of burn due to short circuit during carrying		N/A
M.5.1	Requirement		N/A
M.5.2	Compliance and Test Method (Test of P.2.3)		N/A
M.6	Prevention of short circuits and protection from other effects of electric current		N/A
M.6.1	Short circuits		N/A
M.6.1.1	General requirements		N/A
M.6.1.2	Test method to simulate an internal fault		N/A
M.6.1.3	Compliance (Specify M.6.1.2 or alternative method)		N/A
M.6.2	Leakage current (mA):		N/A



**Otek	Page 32 of 64  IEC 62368-1	Report No.: 18230SC10	3001001	
Original Park	Spoter Vupp	Anbarek Anl	DO. D	
Clause	Requirement + Test	Result - Remark	Verdict	
NA 7	Risk of explosion from lead acid and NiCd	tek vupo, by	N/A	
M.7	batteries			
M.7.1	Ventilation preventing explosive gas concentration			
M.7.2	Compliance and test method		N/A	
M.8	Protection against internal ignition from external spark sources of lead acid batteries			
M.8.1	General requirements		N/A	
M.8.2	Test method		N/A	
M.8.2.1	General requirements		N/A	
M.8.2.2	Estimation of hypothetical volume Vz (m³/s):			
M.8.2.3	Correction factors:		_	
M.8.2.4	Calculation of distance d (mm):		_	
M.9	Preventing electrolyte spillage		N/A	
M.9.1	Protection from electrolyte spillage		N/A	
M.9.2	Tray for preventing electrolyte spillage		N/A	
M.10	Instructions to prevent reasonably foreseeable misuse (Determination of compliance: inspection, data review; or abnormal testing):		N/A	
N	ELECTROCHEMICAL POTENTIALS		N/A	
	Metal(s) used:	Pollution degree considered	_	
0	MEASUREMENT OF CREEPAGE DISTANCES AND CLEARANCES			
	Figures O.1 to O.20 of this Annex applied:		_	
Р	SAFEGUARDS AGAINST ENTRY OF FOREIGN O	OBJECTS AND SPILLAGE OF	N/A	
P.1	General requirements		N/A	
P.2.2	Safeguards against entry of foreign object		N/A	
	Location and Dimensions (mm):		_	
P.2.3	Safeguard against the consequences of entry of foreign object		N/A	
P.2.3.1	Safeguards against the entry of a foreign object		N/A	
	Openings in transportable equipment		N/A	
	Transportable equipment with metalized plastic parts:		N/A	
P.2.3.2	Openings in transportable equipment in relation to metallized parts of a barrier or enclosure (identification of supplementary safeguard):		N/A	
P.3	Safeguards against spillage of internal liquids		N/A	



Page 33 of 64 Report No.: 18230SC10061601

po,	IEC 62368-1	Anbo, A. arek	upote.
Clause	Requirement + Test	Result - Remark	Verdict
Anbore	And ak notek Anbo	tek Anbore. And	-botek
P.3.1	General requirements		N/A
P.3.2	Determination of spillage consequences		N/A
P.3.3	Spillage safeguards		N/A
P.3.4	Safeguards effectiveness		N/A
P.4	Metallized coatings and adhesive securing parts		N/A
P.4.2 a)	Conditioning testing		N/A
	Tc (°C)		_
	Tr (°C)		_
	Ta (°C)		_
P.4.2 b)	Abrasion testing:	(See G.13.6.2)	N/A
P.4.2 c)	Mechanical strength testing:	(See Annex T)	N/A
Q	CIRCUITS INTENDED FOR INTERCONNECTION	WITH BUILDING WIRING	N/A
Q.1	Limited power sources	See Annex Q.1	N/A
Q.1.1 a)	Inherently limited output		N/A
Q.1.1 b)	Impedance limited output		N/A
	- Regulating network limited output under normal operating and simulated single fault condition	(See appended table Q.1)	N/A
Q.1.1 c)	Overcurrent protective device limited output		N/A
Q.1.1 d)	IC current limiter complying with G.9		N/A
Q.1.2	Compliance and test method	(See appended table Q.1)	N/A
Q.2	Test for external circuits – paired conductor cable		N/A
	Maximum output current (A):		_
	Current limiting method:		_
R	LIMITED SHORT CIRCUIT TEST		N/A
R.1	General requirements		N/A
R.2	Determination of the overcurrent protective device and circuit		N/A
R.3	Test method Supply voltage (V) and short-circuit current (A)):		N/A
S	TESTS FOR RESISTANCE TO HEAT AND FIRE		N/A
S.1	Flammability test for fire enclosures and fire barrier materials of equipment where the steady state power does not exceed 4 000 W		N/A
	Samples, material:		
	Wall thickness (mm)		_
	Conditioning (°C):		



Page 34 of 64 Report No.: 18230SC10061601

potek	Page 34 of 64  IEC 62368-1	Report No.: 18230SC1	potek ar
Clause	Requirement + Test	Result - Remark	Verdict
anbotek	Auto, My Hotek Autoge, Mun	otek Anborek Anbo	-hotek
	Test flame according to IEC 60695-11-5 with conditions as set out		N/A
	- Material not consumed completely		N/A
	- Material extinguishes within 30s		N/A
	- No burning of layer or wrapping tissue		N/A
S.2	Flammability test for fire enclosure and fire barrier integrity		N/A
	Samples, material:		_
	Wall thickness (mm)		
	Conditioning (°C):		
	Test flame according to IEC 60695-11-5 with conditions as set out		N/A
	Test specimen does not show any additional hole		N/A
S.3	Flammability test for the bottom of a fire enclosure		N/A
	Samples, material:		
	Wall thickness (mm):		
	Cheesecloth did not ignite		N/A
S.4	Flammability classification of materials		N/A
S.5	Flammability test for fire enclosure materials of equipment with a steady-state power exceeding 4000 W		N/A
	Samples, material:		
	Wall thickness (mm):		
	Conditioning (test condition), (°C):		
	Test flame according to IEC 60695-11-20 with conditions as set out		N/A
	After every test specimen was not consumed completely		N/A
	After fifth flame application, flame extinguished within 1 min		N/A
Т	MECHANICAL STRENGTH TESTS		Р
T.1	General requirements		Р
T.2	Steady force test, 10 N		N/A
T.3	Steady force test, 30 N	(See appended table T3)	N/A
T.4	Steady force test, 100 N	(See appended table T4)	Р
T.5	Steady force test, 250 N:	(See appended table T5)	N/A



	Page 35 of 64	Report No.: 18230SC10	0061601
	IEC 62368-1		
Clause	Requirement + Test	Result - Remark	Verdict
nbotek	Anto Anotek Anotek	stek Anbores Anbo	botek
T.6	Enclosure impact test		N/A
	Fall test		N/A
	Swing test		N/A
T.7	Drop test	(See appended table T7)	Р
T.8	Stress relief test		N/A
T.9	Impact Test (glass)		N/A
T.9.1	General requirements		N/A
T.9.2	Impact test and compliance		N/A
	Impact energy (J):		_
	Height (m):		_
T.10	Glass fragmentation test:	(See sub-clause 4.4.4.9)	N/A
T.11	Test for telescoping or rod antennas		N/A
	Torque value (Nm)		_
U	MECHANICAL STRENGTH OF CATHODE RAY T AGAINST THE EFECTS OF IMPLOSION	UBES (CRT) AND PROTECTION	N/A
U.1	General requirements		N/A
U.2	Compliance and test method for non-intrinsically protected CRTs		N/A
U.3	Protective Screen:	(See Annex T)	N/A

, 33	V	DETERMINATION OF ACCESSIBLE PARTS (FINGERS, PROBES AND WEDGES)		
Γ	V.1	Accessible parts of equipment		Р
Γ	V.2	Accessible part criterion		Р



Page 36 of 64 Report No.: 18230SC1006160

010.		ralk abov	r age 30 01 04	Report No., 10	223030100	001001
wotek (			IEC 62368-1			
Clause	Aupotek	Requirement + Test	k Aupote	Result - Remark	Aupo	Verdict

4.1.2	TABLE	: List of critical com	ponents	Anho, Otek Vup	Otek Anboten	Prek
Object / part No.		Manufacturer/ trademark	Type / model	Technical data	Standard	Mark(s) of conformity <sup>1</sup>
Enclosure (plastic)		CHI MEI CORPORATION	PC-110(+)	V-0, 105°C, Min. Thickness: 1.5mm	UL 94 UL 746C	OF <sub>K</sub> Vup
PCB material		STAR CHINA TECHNOLOGY (HUIZHOU) LTD	SC-06	V-0,130°C	UL 796 or UL 746	UL Anborek
Alternative		Interchangeable	Interchangeabl e	V-0,130°C	UL 796 or UL 746	UL Anborra
Lead Wire		Interchangeable	Interchangeabl e	Min. 26AWG, 80℃, 300V	UL 758	UL otek Anbi

#### Supplementary information:

<sup>&</sup>lt;sup>1)</sup> Provided evidence ensures the agreed level of compliance. See OD-CB2039.

<sup>&</sup>lt;sup>2)</sup> Description line content is optional. Main line description needs to clearly detail the component used for testing



Page 37 of 64 Report No.: 18230SC10061601

	030	VILLE	No.	i age or or or	printer the second	report No.: 1020	00001000100	<i>/</i> 1
upoter.				IEC 62368-1				Anboy
Clause	e Ano hotel	Require	ement + Test	ak abotek	Anbol R	esult - Remark	Ve	erdict 💅

4.8.4, 4.8.5	TABLE: L	ithium coin/button cell batteries	s mechanical tests	N/A
(The follo	wing mechan	ical tests are conducted in the	sequence noted.)	
4.8.4.2	TABLE: St	ress Relief test	otek upotek Aupo.	_
	Part	Material	Oven Temperature (°C)	Comments
nbotek	Aupore	K hotek Anboten	Anborek Anbor	K wolek
4.8.4.3	TABLE: Ba	attery replacement test	Anbo tek nbotek Anbor	_
Battery pa	ırt no	:	Anbo sek abotek An	<u> </u>
Battery Ins	stallation/with	drawal	Battery Installation/Removal Cycle	Comments
hoor	Ar. worek	Anboten Anb	botek Anbor Ar botek	Anbotes An
4.8.4.4	TABLE: Dr	op test of the state of the sta	Anbotek Anbote Am	_
Impact Are	a	Drop Distance	Drop No.	Observations
Anba	otek ont	ctek Aupon An abotek	Anboten Anb otek ont	ptek -Anbor
4.8.4.5	TABLE: Im	pact	ek Anborek Anbo	_
Impacts	per surface	Surface tested	Impact energy (Nm)	Comments
Aupote.	Ann	"Upotek - Tupo, Uk	hotek Anbote And	vuporek.
4.8.4.6	TABLE: Cr	ush test	Anbotek Anbotek Anbo	<del>-</del>
Test	position	Surface tested	Crushing Force (N)	Duration force applied (s)
bu.	- sek	rootek Anbo ok both	Aupor - Am Otek	hotek Anbo
Supplemer	ntary information	on: wotek	otek anbotes Anbo. ok	hotek Anb

4.8.5	100 100 100 100 100 100 100 100 100 100									
Test p	oosition		Surface tes	sted	Fo	rce (N)		ation force oplied (s)		
ek Aupc	- br.	orek	Anboter	Aup	anbotek	Aupon Au	hotek	Anbote		
Supplement	tary informatio	n: Nek								



Page 38 of 64 Report No.: 18230SC10061601

npotek	Aupo.	Anbotek	Aupora	IEC 62368-1	Aupolek	Anbo	Anbotek	Anbo
Clause	Anu	Require	ement + Test	ek anbotek	Anbol R	esult - Remark	Anbo	Verdict

5.2	Table:	Classification of	electrical energy	sources	-botek	Anbore	P rek
5.2.2.2	- Steady Sta	te Voltage and Cu	rrent conditions	210	V ()	- No.	- WO.
No.	Supply Voltage	Location (e.g. circuit designation)	Test conditions	U (Vrms or Vp	Parameters  I Ok) (Apk or A	H <sub>7</sub>	ES Class
-Aup,	5Vdc	Input terminal	Normal	5.32Vdc	Inbore -	DC	anbotek
	botek	inpo +/-	Abnormal	5.35Vdc	Anbore	DC	ES1
	Anbotek	Anbotek	Single fault- SC/OC	ipotek Pupo,	lek Pupole,	Yupotek	Anbot
5.2.2.3	- Capacitance	e Limits					
No.	Supply	Location (e.g. circuit	Test conditions		Parameters		ES Class
INO.	Voltage	designation)	l est conditions	Capacitano	e, nF	Upk (V)	ES Class
Pi	loo. P	abotek Ant	Normal	ek anbatek	Pup.	- abotek	Anbore
	Aupor	Arrabotek	Abnormal	otek Anbot	ek Vupo,	ek - potek	Anbore
	Anborek	Anbotek	Single fault- SC/OC	Anborek An	potek Anbo	botek Anbot	ek Ani
5.2.2.4	- Single Pulse	es	200	*O.V	-30*	V	
	Supply	Location (e.g.	T ( PC	Parameters			E0.01
No.	Voltage	circuit designation)	Test conditions	Duration (ms)	Duration (ms) Upk (V)		ES Class
*e¥	P. Sporek	Anbore.	Normal	otek Anbo.	rek - nbot	ek Aribote	And
	A. abotek	Aupotes.	Abnormal	nbotek - Ant	rek val	potek Anbor	ok
	k Aupo	otek Anbotel	Single fault – SC/OC	Anbotek	Anbotek	Anbotek Ant	abotek p
5.2.2.5	- Repetitive F	Pulses		. 0.4		10.07	
	Supply	Location (e.g.	<b>-</b>		Parameters		F0 01
	Voltage	circuit designation)	Test conditions	Off time (ms)	Upk (V)	lpk (mA)	ES Class
anborek	Pupole	- Hotek	Normal	'up	nbotek Ant	Die - Die	Hek A
Vapore	k Anbot	An hotel	Abnormal	Anto	Anbotek	Wpor - bu	-botek
P.Up	otek An		Single fault – SC/OC	Anbotek Anbotek	Aupatek V	Anbotek A	Anbotek
Test Co	nditional	. otek Ar	por Ann	rek spotel	Pupo.	1998	Anbore

Test Conditions:

Normal -

Abnormal -

Supplementary information: SC=Short Circuit, OC=open Circuit





Page 39 of 64 Report No.: 18230SC10061601

	030	VILLE	10-	age 55 or 64	printer the second	Report No.: 1020	0000100010	01
inpoten				IEC 62368-1				Anbor
Clause	Aug Potel	Require	ement + Test	ik upolek	Anbor R	esult - Remark	AU OF V	erdict

5.4.1.4,	TABLE: Temperature	neasurem	ents	Anbore	bu.	orek.	Vupoter.	Anb P .ok
6.3.2, 9.0, B.2.6	otek Anbotek A						Anbotek	
-tek	Supply voltage (V)	An-	.: 5\	/dc	"upo	-nbotel	-Aupor	_
upo	Ambient T <sub>min</sub> (°C)	Prin.	ek N	Potek	anbo	k Moci	ek Anb	_
Anbo	Ambient T <sub>max</sub> (°C)	Ans.	notek	Anbotek	Pupe	rek -	potek - p	_
Anbo	Tma (°C)	ie. Vu	. : <sub>10</sub> 70	0.0 Anbottel	P1/p	- Vot	- abotok	_
Maximum m	neasured temperature T o	of part/at:			T (°0	C)		Allowed T <sub>max</sub> (°C)
PCB near in	nput terminal	A. abotek	nn 74	1.9	un-	Anbotek	-Anbo	130
PCB near U	II anbotek Anbo	P. aboli	83	3.0	Viue Piles	Anbole	Aupr	130
PCB near U	13 Aupotek Aupo	ek at	o <sup>tel</sup> 80	0.8	- but	rek Aric	jotek All	130
Internal wire	Aupotek Vupe	tek	inbolek 72	2.1 Amberrar	Pr.	hotel	Aupole M	80
Ambient	otek Anbotek An	oo.	100te 70	0.0	is. b	Polek	Anleotek	Anbo
Touch tem	perature clause 9.0	Vup. Ulek	Anbott	SK M	100.	aborek.	Anbores	PULP
Enclosure o	utside near U3	Pupp	26	6.9	Pupo.	An abote	k Pupo	60
Ambient	Anborek Anbore	Y Vun	25 25	5.0	-Anbo	rek - Ab	otek An	201e
Supplement	tary information:	PLIES.	worek.	Anbotek	Anbo	*ek	nbotek	Anbore
Temperatur	e T of winding:	t <sub>1</sub> (°C)	R <sub>1</sub> (Ω)	t <sub>2</sub> (°C)	R <sub>2</sub> (Ω)	) T (°C)	Allowed T <sub>max</sub> (°C)	Insulation class
eV	potek Anbo.	-Tek	Nipote	- Pu	-0/-	botek	Pupo.	lbo.

Supplementary information:

Note 1: Tma should be considered as directed by appliable requirement

Note 2: Tma is not included in assessment of Touch Temperatures (Clause 9)

ermoplastics	Anbotek Anbo.	N/A	
Anboatek	Anbotek Anbot	_	
Manufacturer/t rademark	T softening (°C)		
Antorek An	Jotel Anbutek	potek	
		: Manufacturer/t T softening (°C)	







Page 40 of 64 Report No.: 18230SC10061601

potek	Anbore	anbotek	MOJE A	C 62368-1	ATTENDED TO STATE OF	30001001
Clause	And Hotek	Require	ement + Test	Anbotek P	Result - Remark	Verdict

5.4.1.10.3	TABLE: Ball pre	essure test of thermoplast	ics <sup>Anto</sup>	nbotek	Aupo,	N/A	
Allowed imp	ression diameter	(mm)	: ≤ 2 mm	Anbotek	Anbor	_	
Object/Part	No./Material	Manufacturer/trademark	Test temperat	mperature (°C) Impression		on diameter (mm)	
rek h	abotek Anbo	k wotek ant	o'er And	de Al	Hek Aupon	V. Dir.	
Supplement	ary information:	bore. And otek	inpotek Aupon	- o/-	sborek Ant	OLE VI	

5.4.2.2, 5.4.2.4 and	TABLE: Minimum (	Clearance	es/Creepa	ge distance				N/A
5.4.3	tek anbotek							Anbo
	cl) and creepage at/of/between:	Up (V)	U r.m.s. (V)	Frequenc y (kHz) <sup>1</sup>	Required cl (mm)	cl (mm) <sup>2</sup>	Required <sup>3</sup> cr (mm)	cr (mm)
un notek	Anbotek Anbo	***/r - k.	botek.	Anbore	Ann-	Anbot	- Aup	*8K
Anotek	Anboiek Anbo	*6K_	"potek	A-bore	V VO	ek - An	otek - P	400
Supplementa	ary information:	<sup>1</sup> Po.	abotel	Anbor	bus.	-otek	anbotek	Aupo,

5.4.2.3	TABLE: Minimum Cleara	nces distances using	required withstand	voltage	N/A
botes	Overvoltage Category (O	V):	Anbore. Ant	otek nabo	ick b
Anboten	Pollution Degree:	Anbor An	ek Anboten	'up	botek
Clearance	e distanced between:	Required withstand Required voltage (mm)		cl Measured	
- Ans	otek unbotek Anbo.	ak botek	Anbore - And	K Anborek	Pupo.
Sr. Vu	ob sek abotek Anbi	N Air	Anboten Anbo	ek abotek	Anbo
Suppleme	entary information:	upore And	anbotek Anbr	ok hot	ek bi

5.4.2.4	TABLE: Clearances based on electric strength test								
Test volta	ge applied between:		Required cl (mm)	Test voltage			akdown s / No		
SK VUP	o hotek	Aupcie.	Ann	anbotek	Anbo.	k 200°	ek Aupole		
Suppleme	ntary information:	Anbore	Ann	anbotek	Anbo	V.	hotek Anb		

5.4.4.2, 5.4.4.5 c) 5.4.4.9	TABLE: Dis	stance through in	nsulation me	easurements	Anbotek	Anbotek Anbotek	N/A
Distance the insulation d		Peak volta (V)		equency (kHz)	Material F	Required DTI (mm)	DTI (mm)
Ore VII.	- botek	inpoter vipo	19k	lipoyek Aup	01- bu	hotel All	boten And
Whole.	Pur Potek	Anborek An	DO. PEK	- potek	TUPOLO I	rus rotek	Anbotek An

**Shenzhen Anbotek Compliance Laboratory Limited** 

Hotline 400-003-0500 www.anbotek.com



A. Test Location:

 Page 41 of 64
 Report No.: 18230SC10061601

 IEC 62368-1

 Clause
 Requirement + Test
 Result - Remark
 Verdict

1267	3-101	- 40.97		La U	1257	810	- 47.7/
Supplementar	y information:	-botek	Anbore.	Ann	Anbotek	Anbo.	Protek

5.4.9	TABLE: Electric s	strength tests	Anbotek Anbo	ek shotek Anb	N/A
Test volta	age applied between:		Voltage shape (AC, DC)	Test voltage (V)	Breakdown Yes / No
Anbotek	Aupo, br.	botek Anbote	And	Abotek -Anbo	Protok.
Supplem	entary information:	Anbotek Anbo	botek Anbotek	Anbotek Anbote	K Anbotek

5.5.2.2	TABLE: Sto	ored discharg	ge on capacito	ors of ek	hbore. And otek	N/A
Supply Vo	Itage (V), Hz	Test Location	Operating Condition (N, S)	Switch position On or off	Measured Voltage (after 2 seconds)	ES Classification
Vupo.	ok work	k - Aupole	A.n.	k -nbotek	Anbo ak	botek -Anbote
	ntary informat ors installed fo		hbotek Anb	otek Anbo	potek Anbotek	Anbotek Anbotes
□ bleedir	ng resistor rati	ng:				
Notes:						

В.	Operating condition abbreviations:			

Phase to Neutral; Phase to Phase; Phase to Earth; and/or Neutral to Earth

5.6.6.2	TABLE: Resistance of	of protective conduc	protective conductors and terminations						
	Accessible part	Test current (A)	Duration (min)	Voltage drop (V)	Resistance (Ω)				
Vupo	K Potek W	ntoter - And	. abotek	Pupo, bu.	notek Anbote				
Suppleme	entary information:	Anbotek Anbo	tek Anbotek	Anboro A	Anbotek Anbotel				

5.7.2.2, 5.7.4	TABLE: Earthed accessible conductive pa	rtotek Anbotek Anbotek	N/A
Supply vo	Itage:	Anborek Anborek	_
Location		Test conditions specified in 6.1 of IEC 60990 or Fault Condition No in IEC 60990 clause 6.2.2.1 through 6.2.2.8, except for 6.2.2.7	Touch current (mA)
Mpole.	Arrivatek Anbotek Anbo.	yotek Anbore Ant	Anbotek Ant



Page 42 of 64 Report No.: 18230SC10061601

-	03.	16.71	-05				000.000.0	
'upoter				IEC 62368-1				Anbor
Clau	se	Require	ement + Test	ak abolek	Anbor R	tesult - Remark	Anhotek	erdict 🐃

#### Supplementary Information:

#### Notes:

- [1] Supply voltage is the anticipated maximum Touch Voltage
- [2] Earthed neutral conductor [Voltage differences less than 1% or more]
- [3] Specify method used for measurement as described in IEC 60990 sub-clause 4.3
- [4] IEC60990, sub-clause 6.2.2.7, Fault 7 not applicable.
- [5] (\*) IEC60990, sub-clause 6.2.2.2 is not applicable if switch or disconnect device (e.g., appliance coupler) provided.

6.2.2 Table: Electrical power sources (PS) measurements for classification P									
Source	Description	Measureme	ent	Max Pov	wer after 3 s	Max Power a	fter 5	PS C	Classification
Aupo.	-botek P	Power (W)	:	stek.	Anotek	>15W	shotek	1	Aupole.
DC input terminal	Normal working	V <sub>A</sub> (V)	:	rek	abotek	Anbor	bu.	N <sub>S</sub>	PS2
Anbore	Arionania	I <sub>A</sub> (A)	:	nov	abotek	Anbore	bro.	Notek	

Supplementary Information: SC: short circuit

(\*) Measurement taken only when limits at 3 seconds exceed PS1 limits.

6.2.3.1	Table: Determination	Table: Determination of Potential Ignition Sources (Arcing PIS)								
		Open circuit voltage After 3 s	Measured r.m.s current	Calculated value	Arcing PIS?					
	Location	(Vp)	(Irms)	(V <sub>p</sub> x I <sub>rms</sub> )	Yes / No					
ilpore	Ant -nek anbotek	Anbo-	"potek Pupor	Au-	Anbotek Anbe					

# Supplementary information:

An Arcing PIS requires a minimum of 50 V (peak) a.c. or d.c. An Arcing PIS is established when the product of the open circuit voltage  $(V_p)$  and normal operating condition rms current  $(I_{rms})$  is greater than 15.

6.2.3.2	5.2.3.2 Table: Determination of Potential Ignition Sources (Resistive PIS)									
Circuit Lo	ocation (x-y)	Operating Condition (Normal / Describe Single Fault)	Measured wattage or VA During first 30 s (W / VA)	Measured wattage or VA After 30 s (W / VA)	Protective Circuit, Regulator, or PTC Operated? Yes / No (Comment)	Resistive PIS? Yes/No				
All inte	rnal circuit	Ofer Ann	aborek	Aupo,	hotek Anboren	Ano				







Page 43 of 64 Report No.: 18230SC10061601

	- 03	0.11	200	ago io oi o i	La La	Troport Tron 1020	000100010	
poten				IEC 62368-1				Anbo
Clause	Anborotel	Requir	ement + Test	y abotek	Anbor R	esult - Remark	Anhorek	erdict 🔯

#### Supplementary Information:

A combination of voltmeter, VA and ammeter IA may be used instead of a wattmeter.

If a separate voltmeter and ammeter are used, the product of (VA x IA) is used to determine Resistive PIS classification.

A Resistive PIS: (a) dissipates more than 15 W, measured after 30 s of normal operation, <u>or</u> (b) under single fault conditions has either a power exceeding 100 W measured immediately after the introduction of the fault if electronic circuits, regulators or PTC devices are used, or has an available power exceeding 15 W measured 30 s after introduction of the fault.

8.5.5	TABLE: High Pressure Lamp	hotek Anbore An	n/A
Description	n	Values	Energy Source Classification
Lamp type	, And	Arr. Motek Anboten	_
Manufactu	irer	And otek anbotek	_
Cat no	nek anbot Att	And tek anbore	<del>_</del>
Pressure (	cold) (MPa):	poter Anbe	MS_
Pressure (	operating) (MPa):	Anbotek Anbo	MS_
Operating	time (minutes)	Anbotek Anbo	<del>_</del>
Explosion	method:	anbotek Anbot	_
Max partic	le length escaping enclosure (mm) .:	ek abotek Anbote	MS_
Max partic	le length beyond 1 m (mm):	ak botek Anbote	MS_
Overall res	sult	por Ar Polek Wupe	And stek Anbotek
Suppleme	ntary information:	Anbotek Anbotek A	nbotek Anbotek Anbo

B.2.5	TABLE: Inp	ut test					botek Anb	P
U (V)	I (A)	I rated (A)	P (W)	P rated (W)	Fuse No	I fuse (A)	Condition/	status
Powered by	DC source:	otek Anbo	iek An	by rek of	otek A	hore	bu.	Anboter
5Vdc	0.368	0.522	1.84	Anbotek An	nboto <u>k</u>	Anbore.	EUT working normally.	Anbo
Supplement	ary information	n: Anbotel	And	abotek	Aupo	Pur Pot	ek Anbote	b2

Equipment may be have rated current or rated power or both. Both should be measured

B.3	TABLE: Abnormal operating condition tests	ek upotek Aupo	N/A
Ambient t	emperature (°C)	24.3-24.6	_
Power so	urce for EUT: Manufacturer, model/type, output rating:	See page 2 for details	





Page 44 of 64 Report No.: 18230SC10061601

dotek Anb	, pro-	A MOJE, DV.	62368-1	AND AND W	000010001
Clause	intotek Ande	equirement + Test	Anbotek Ant	Result - Remark	Verdict

Component No.	Abnormal Condition	Supply voltage, (V)	Test time (ms)		Fuse current, (A)	T- couple	Temp. (°C)	Observation
				1		1	-	-

Supplementary information:

Test table is provided to record abnormal and fault conditions for all applicable energy sources including Thermal burn injury. Column "Abnormal/Fault." Specify if test condition by indicating "Abnormal" then the condition for a Clause B.3 test or "Single Fault" then the condition for Clause B.4.

B.4 TAI	BLE: Fault co	ondition tests	Anborek	PU	po.		nbotek	Pupose	No.	Potek
Ambient temper	ature (°C)	Property	poboh	ğř-	AUP	25.0	anbotek	Anbo	Vo.	
Power source for	r EUT: Manut	facturer, model	/type, outp	ut rating	YUR	-tek	Anbotel	P.L.	100.	
Component No.	Fault Condition	Supply voltage, (V)	Test time (ms)	Fuse no.		se nt, (A)	T-couple	Temp. (°C)	Ok	servation
U1 pin 2-13	SC	5Vdc	10mins	e Ant	anbotek Anbot	ek botek	nbotek Anbotek Anbotek	Anbotek Anbot	dow imm prot	nediately, ection, no naged, no
U2 pin 2-5	SC	5Vdc	10mins	Anbore Anb	otek _	Anborel Anbre	nbotek Arbotek	Anbotek Anbotek	dow imm prot	nediately, ection, no naged, no
otek Anbote Anbotek Q3 Anb	SC Miles	5Vdc	10mins	ntek nbotek Anbotel	Anbo. Anl	Anbotek Anbotek	Anbotek Anbotek	ek Ant	dow imm prot dan	t shut on nediately, nection, no naged, no ard.



	200	VUD.	Page 45 01 64	Report No.: 182	305010061601
npoten			IEC 62368-1		
Claus	e Pub	Requi	rement + Test	Result - Remark	Verdict

Clause			Requireri	ieni + resi		P.E.	Result -	Remark	AND	verdict
Aupore	100	yo.	aboten	Anbo	V	otek	Anboro	bu.	You	aboter
Annex M	TAE	BLE: Batte	eries						Ne/	N/A
The tests o	f Ann	ex M are a	applicable	only when app	propriate b	attery data	a is not ava	ilable	100.	N/A
ls it possibl	e to i	nstall the b	pattery in a	reverse polar	ity position	1?		No	Aupor	br.
		Non-re	chargeable	e batteries		F	Rechargea	ble batteri	es	
		Disch	arging	Un-	Cha	rging	Disch	arging	Reverse	d charging
		Meas. current	Manuf. Specs.	intentional charging	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.
Max. currer during norn condition		Anbor Anbor	ek Au	nbotek Anb	nbotek nbotek	Ankotek bote	Anbote Ant	otek Aul	vupo <del>je</del> k	Anbotek
Max. currer during fault condition		ootek	Anbotek Anbotek	Anbotek	Anbore Anbore	Ant	otek obotek	inbotek Anbotek	Anbo'	otek Ar
Test results	N.	hote.	Aire		*ek	opo,	po		Ofer	Mondiat
77,00		Ant	ar an	otek kup	o. b	abotek	Anbore	r bu	Lotok	Verdict
- Chemical	0,	50	rek.	upotek b	upor	Mr. Motol	K Anh	is.	TUD.	N/A
- Explosion	460,	D//	, V	work.	Anbore.	Ann	well.	bolek -	Anbo.	N/A
- Emission	of fla	me or exp	ulsion of m	olten metal	abotel	Anb	o. b	- dek	anbo	N/A
- Electric st	rengt	h tests of	equipment	after completi	ion of tests	rek p		Ann		N/A
Supplemen	ntary i	nformation	n: Anbote	k Anbore	Viv.	botek	Anbotek	Anbo	yek h	nbotek

Annex M.4		dditional safe (For monitor	eguards for equ	uipment co	ntaining	seconda	ary lithiu	m Ant	N/A
Batter	•	Test	conditions		Meas	urement	s		Observation
No	0.		U			I (A)	Temp		
Ann	ek on	Pojsk Yu	DO. DV.	rotek p	upojer	- VUL	sek -	napole	k bapo,
Supplementa	ary Informa	ation:	Aupole Au	hotek	Aupoten	VU	rek	, no	otek Anbose
Battery identification		Charging at T <sub>lowest</sub> (°C)	Observa	ation	Th	ging at ighest C)		Obs	ervation
Auporo-	P.U.	ek Anbote	n Anbe -	a/k ~ ~/o <sup>c</sup>	(e)	Hupore	Prin.	Lotek	Anboiek
Supplementa	ary Informa	ation:	otek Hupon	Vr.	hotek	Anbore	P.c.	rel	k abotek







Page 46 of 64 Report No.: 18230SC10061601

		0.7	-07	age to or ot		report No.: 1020		J . 00 .
Thoofer A				IEC 62368-1				
Clause	and work	Require	ement + Test	y abotek	Anbor	Result - Remark	Anbo	Verdict

TABLE: Circuits in	ntended for interco	onnection with	building wiri	ng (LPS)	N/A
ured UOC (V) with al	I load circuits disco	nnected:	otek Anbo	atek anbot	ek Aupor
Components	U <sub>oc</sub> (V)	I <sub>sc</sub>	(A)	S (VA)	
		Meas.	Limit	Meas.	Limit
Anbo. A.	otek Anboten	Ann	anberek.	Aupo,	notek
	ured UOC (V) with al	ured UOC (V) with all load circuits disco	ured UOC (V) with all load circuits disconnected:  Components  Uoc (V)  Isc	ured UOC (V) with all load circuits disconnected:  Components  Uoc (V)  Isc (A)	Components $U_{oc}(V)$ $I_{sc}(A)$ $S($

T.2, T.3, T.4, T.5	TABLE	E: Steady force te	est Anborek A	inbore Ant	potek Anbotek	tek anbotek P
Part/Loca	ation	Material	Thickness (mm)	Force (N)	Test Duration (sec)	Observation
Top enclo	osure	Plastics	1.20	100	5s	No damaged, no hazard
Bottor enclosu	750	Plastics	1.20	botek 100 Anbote	5s stell	No damaged, no hazard
Side encl	osure	Plastics	1.20	100	5s Maria	No damaged, no hazard

T.6, T.9	TAB	LE: Impact tests	Tupose Yun	otek Anbote	hotek Anbo ek abotel		N/A
Part/Location Material		Thickness Vertical (mm) distance (mm)		Observation			
AUD		Jotek Anbor	r potek	Aupoter. b	Up.	Anbotek.	Aupo.
Supplementa	ary info	ormation:	Arr. Diek	anbotek	Aupr	abotek	Anbore

Part/Location	Material	Thickness	Drop Height	Observation
Part/Location	Ivialeriai	(mm)	(mm)	Observation
Top enclosure	Plastics	1.20	1000	No damaged, no hazard
Bottom enclosure	Plastics	1.20	1000	No damaged, no hazard
Side enclosure	Plastics	1.20	1000	No damaged, no hazard







Page 47 of 64 Report No.: 18230SC10061601

botek bu	otek Anbotek	IEC 62368-1	Nepoli No.: 1023	0001001
Clause	Requi	rement + Test	Result - Remark	Verdict

T.8 TABL	E: Stress relief to	est Ambore	Anti	Anbotek	N/A
Part/Location	Material	Thickness (mm)	Oven Temperature (°C)	Duration (h)	Observation
abotek - Anbotel	And work	Anbu-ek	Aupor - Air	abotek Anbr	len Anb - tek
Supplementary info	ormation:				



Page 48 of 64 Report No.: 18230SC10061601

nbotek	Anbo. All abotek	IEC62368_1D - ATTACHMENT	Aupo, tek	abotek Anb
Clause	Requirement + Test	Result - Re	mark	Verdict

# ATTACHMENT TO TEST REPORT

### IEC 62368-1

# **EUROPEAN GROUP DIFFERENCES AND NATIONAL DIFFERENCES**

(Audio/video, information and communication technology equipment - Part 1: Safety requirements)

Differences according to ...... EN 62368-1:2014+A11:2017

Attachment Form No...... EU GD IEC62368 1D II

Attachment Originator.....: Nemko AS

Master Attachment ...... Date 2021-02-04

Copyright © 2021 IEC System for Conformity Testing and Certification of Electrical Equipment (IECEE), Geneva, Switzerland. All rights reserved.

CE	NELEC C	OMMON MOD	DIFICATION	NS (EN)	Anba	botek	MUP	Ve
		clauses, notes, 2014 are prefix		ures and annexes	s which are a	dditional to thos	e in	Ank
NT Ad	d the follo	wing annexes:	otek o	inpotek Aupo	· o/-	bolek Anbo	70.	
An An	nex ZA (no nex ZB (no nex ZC (in nex ZD (in	ormative) formative)	with the Special A-dev	ative references oneir correspondin al national condititiations nd CENELEC co	ng European p tions	oublications	Anbote <sup>s</sup> Anbote <sup>s</sup>	i ore
	lete all the		s in the refe	erence document	t (IEC 62368-	1:2014) accordi	ng	ļ
0	.2.1	Note	1	Note 3	4.1.15	Note	DOJ.	
4.	.7.3	Note 1 and 2	5.2.2.2	Note	5.4.2.3.2.2 Table 13	Note c	Anbo	
5.	.4.2.3.2.4	Note 1 and 3	5.4.2.5	Note 2	5.4.5.1	Note	k bi	
5.	.5.2.1	Note	5.5.6	Note	5.6.4.2.1	Note 2 and 3	otek	
5.	.7.5	Note	5.7.6.1	Note 1 and 2	10.2.1 Table 39	Note 2, 3 and 4	inpolek	
e <sup>V</sup> 1	0.5.3	Note 2	10.6.2.1	Note 3	F.3.3.6	Note 3	Anbo	
Fo	r special n	ational condition	ons, see Ar	nnex ZB.	k Aupole	Pug.	J.K	
NO elec		wing note: se of certain subst nent is restricted w			otek Anb	ora Anti-	otek nbotek	ı





Page 49 of 64 Report No.: 18230SC10061601

		IEC62368_1D - ATTAC	CHMENT	
Clause	Requirement + Test	anbotek Anbotek	Result - Remark	Verdict
And hotek	Anborek Anbo	Anbotek Anbote	and hotek Anbotek	Anbo.
4.Z1 Anbotek Anbotek Anbotek	Add the following new subdated and earth faults in circuits of mains, protective devices as integral parts of the equiting the building installation, subb) and c):  a) except as detailed in b) a devices necessary to comprequirements of B.3.1 and I	re current, short-circuits connected to an a.c. shall be included either ipment or as parts of oject to the following, a), and c), protective oly with the	Anbotek	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
	parts of the equipment; b) for components in series the equipment such as the coupler, r.f.i. filter and switce earth fault protection may be protective devices in the but	supply cord, appliance ch, short-circuit and be provided by	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbot
	c) it is permitted for <b>plugga</b> or <b>permanently connected</b> dedicated overcurrent and in the building installation, pof protection, e.g. fuses or a specified in the installation	d equipment, to rely on short-circuit protection provided that the means circuit breakers, is fully	hotek Anbo	otek Anbotek Anbotek Anbotek
	If reliance is placed on protinstallation, the installation state, except that for <b>plugg</b> A the building installation siproviding protection in according to the wall socket outlet.	instructions shall so able equipment type hall be regarded as	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek Anbotek
5.4.2.3.2.4	Add the following to the en The requirement for interco circuit is in addition given i	nnection with <b>external</b>	Anbotek Anbotek Anbotek An	N/A
10.2.1	Add the following to c) and c		Anboratek Anborek	N/A



Page 50 of 64 Report No.: 18230SC10061601

		IEC62368_1D - ATTA	CHMENT		
ause	Requirement + Test	Anbotek Anbote	Result - Remark	upotek Anbe	Verdic
hotek	Anbotes And	anbotek Anbo	ok potek	Auporen Ar	in otek
0.5.1	Add the following after the	first paragraph:	or Air, Potek		N/A
	For RS 1 compliance is chunder the following conditi		arbotek Anbotek		Anbo.
	In addition to the normal of controls adjustable from the any object such as a tool of internal adjustments or presented in a reliable manner.	ne outside by hand, by or a coin, and those esets which are not	k Anbotek Anbr		ek Am
	give maximum radiation w intelligible picture for 1 h, a measurement is made.		nbotek Anbotek		Anbore Anbore
	NOTE Z1 Soldered joints and paradequate locking.	aint lockings are examples of	Anbotek Anbo		Anb
	The dose-rate is determine radiation monitor with an eat any point 10 cm from the apparatus.	effective area of 10 cm²,	Anbotek And		otek Stek
	Moreover, the measurement fault conditions causing as voltage, provided an intellimation of 1 h, at the emeasurement is made.	n increase of the high- igible picture is	anbotek Anbotek		Anbotel Anbotel
	For RS1, the dose-rate sh taking account of the back NOTE Z2 These values appear 13 May 1996.	ground level.	Anbotek An		otek botek
).6.1	Add the following paragra	ph to the end of the	otek Anbotek	Anbore, b	N/A
	subclause: EN 71-1:2011, 4.20 and the and measurement distance		Inbotek Anbotek		Anbo
	botek Anbotek Ar	botek Anbotek	Anbotek Anb		lek V.
	Al Hotes		, otek		notek
	ak hotek Anboren		potek Anbotek		100,
	bolek Anbotek Anbot		Anborek Anborek		Anbo
	otek Anbo. A.		Anbotek Anbotek Anbotek Anbotek Anbotek Anb		NS/K
	Anbotek Anbotek		Aupo		100,
	Anbotek Anbotek		olek Anbotek		Anbotek





Page 51 of 64 Report No.: 18230SC10061601

	Requirement + Test Result - Remark	Verdict
hotek.	Ambores Anborek Amborek Ambores Ambores	Anto
10.Z1	Add the following new subclause after 10.6.5.	N/A
	10.Z1 Non-ionizing radiation from radio	Anbore
	frequencies in the range 0 to 300 GHz	ek abo
	The amount of non-ionizing radiation is regulated by European Council Recommendation	W.
	1999/519/EC of 12 July 1999 on the limitation of	pot A
	exposure of the general public to electromagnetic	antotek
	fields (0 Hz to 300 GHz).	work.
	For intentional radiators, ICNIRP guidelines should	YUR YEK
	be taken into account for Limiting Exposure to Time-Varying Electric, Magnetic, and	Anbo.
	Electromagnetic Fields (up to 300 GHz). For hand-	ek anbo
	held and body-mounted devices, attention is drawn	-dk
	to EN 50360 and EN 50566	bo, bi
0.74	A dalith a fallouist page.	Ant NIA
G.7.1	Add the following note:  NOTE Z1 The harmonized code designations corresponding to	N/A
	the IEC cord types are given in Annex ZD.	bu.
Bibliograph	Add the following standards:	N/A
y Arra	Add the following notes for the standards indicated:	3/6
	Tida the lenewing here for the standards indicated.	by.
	IEC 60130-9 NOTE Harmonized as EN 60130-9.	otek An
	The Man was the color of the co	otel An
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1.	potek Anl
	IEC 60130-9       NOTE Harmonized as EN 60130-9.         IEC 60269-2       NOTE Harmonized as HD 60269-2.         IEC 60309-1       NOTE Harmonized as EN 60309-1.         IEC 60364       NOTE some parts harmonized in HD 384/HD 60364 series.	Anbotek Anbotek
	IEC 60130-9       NOTE Harmonized as EN 60130-9.         IEC 60269-2       NOTE Harmonized as HD 60269-2.         IEC 60309-1       NOTE Harmonized as EN 60309-1.         IEC 60364       NOTE some parts harmonized in HD 384/HD 60364 series.         IEC 60601-2-4       NOTE Harmonized as EN 60601-2-4.	Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5.	Anbotek Anbotek Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified).	Anbotek Anbotek Anbotek Anbotek Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61508-1.	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61508-1. IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1.	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61508-1. IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1. IEC 61558-2-4 NOTE Harmonized as EN 61558-2-4.	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek
	IEC 60130-9 IEC 60269-2 NOTE Harmonized as EN 60130-9. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61558-2-1. IEC 61558-2-4 NOTE Harmonized as EN 61558-2-4. IEC 61558-2-6 NOTE Harmonized as EN 61558-2-6.	Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61508-1. IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1. IEC 61558-2-4 NOTE Harmonized as EN 61558-2-4. IEC 61558-2-6 NOTE Harmonized as EN 61558-2-6. IEC 61643-1 NOTE Harmonized as EN 61643-1.	Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61508-1. IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1. IEC 61558-2-6 NOTE Harmonized as EN 61558-2-6. IEC 61643-1 NOTE Harmonized as EN 61643-1. IEC 61643-21 NOTE Harmonized as EN 61643-21.	Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61508-1. IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1. IEC 61558-2-4 NOTE Harmonized as EN 61558-2-4. IEC 61643-1 NOTE Harmonized as EN 61643-1. IEC 61643-21 NOTE Harmonized as EN 61643-21. IEC 61643-311 NOTE Harmonized as EN 61643-311.	Anbotek
	IEC 60130-9 NOTE Harmonized as EN 60130-9. IEC 60269-2 NOTE Harmonized as HD 60269-2. IEC 60309-1 NOTE Harmonized as EN 60309-1. IEC 60364 NOTE some parts harmonized in HD 384/HD 60364 series. IEC 60601-2-4 NOTE Harmonized as EN 60601-2-4. IEC 60664-5 NOTE Harmonized as EN 60664-5. IEC 61032:1997 NOTE Harmonized as EN 61032:1998 (not modified). IEC 61508-1 NOTE Harmonized as EN 61508-1. IEC 61558-2-1 NOTE Harmonized as EN 61558-2-1. IEC 61558-2-6 NOTE Harmonized as EN 61558-2-6. IEC 61643-1 NOTE Harmonized as EN 61643-1. IEC 61643-21 NOTE Harmonized as EN 61643-21.	Anbotek



Page 52 of 64 Report No.: 18230SC10061601

4.1.15  Denmark, Finland, Norway and Sweden To the end of the subclause the following is added: Class I pluggable equipment type A intended for connection to other equipment or a network shall, if safety relies on connection to reliable earthing or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet. The marking text in the applicable countries shall be as follows: In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord." In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt" In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3  United Kingdom To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark After the 2nd paragraph add the following:	otek	Anbotek Anbo. Lek	IEC62368_1D - ATTAC	CHMENT	Anbo.
To the end of the subclause the following is added:  Class I pluggable equipment type A intended for connection to other equipment or a network shall, if safety relies on connection to reliable earthing or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark  After the 2nd paragraph add the following:	Clause	Requirement + Test	Anbotek Anbotek	Result - Remark	Verdict
To the end of the subclause the following is added:  Class I pluggable equipment type A intended for connection to other equipment or a network shall, if safety relies on connection to reliable earthing or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3  United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark  After the 2nd paragraph add the following:	Ano hotek	Anborek Anboy	Anborek Anbore	ak hotek Anbotek	Anbo,
Class I pluggable equipment type A intended for connection to other equipment or a network shall, if safety relies on connection to reliable earthing or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark  After the 2nd paragraph add the following:	4.1.15	Denmark, Finland, Norv	way and Sweden	or Arthur Anborr	N/A
connection to other equipment or a network shall, if safety relies on connection to reliable earthing or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  Denmark  After the 2nd paragraph add the following:		To the end of the subclau	use the following is added:	poten Anbu	otek Anbore
if safety relies on connection to reliable earthing or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3  United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark After the 2nd paragraph add the following:				Anbotek Anbote Am	anbotek Anbot
network terminals and accessible parts, have a marking stating that the equipment shall be connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3  United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark  After the 2nd paragraph add the following:		if safety relies on connec	tion to reliable earthing or	upotek Anbo	work An
marking stating that the equipment shall be connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex				Anboter Anboter	Amu
connected to an earthed mains socket-outlet.  The marking text in the applicable countries shall be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3  United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark After the 2nd paragraph add the following:				And tek abotek	Anko,
be as follows:  In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3  United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark  After the 2nd paragraph add the following:	Anbor			itek Aupor K Air	k unboter
In Denmark: "Apparatets stikprop skal tilsluttes en stikkontakt med jord som giver forbindelse til stikproppens jord."  In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan"  In Norway: "Apparatet må tilkoples jordet stikkontakt"  In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark  After the 2nd paragraph add the following:	Aupote		pplicable countries shall	hotek Anboten Anbo	otek Anbotek
stikkontakt med jord som giver forbindelse til stikproppens jord." In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt" In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark After the 2nd paragraph add the following:		O. Pr.	stiknron skal tilsluttes en	hotek Anbore An	otek anboti
In Finland: "Laite on liitettävä suojakoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt" In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark After the 2nd paragraph add the following:		stikkontakt med jord som		Anbotek Anbotek	inbotek An
stikkontakt" In Sweden: "Apparaten skall anslutas till jordat uttag"  4.7.3 United Kingdom To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark After the 2nd paragraph add the following:		In <b>Finland</b> : "Laite on liite		Anbotek Anbotek	Anbotek
4.7.3 United Kingdom  To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark After the 2nd paragraph add the following:			å tilkoples jordet	et Anbotek Anbotel	anbores
To the end of the subclause the following is added: The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark After the 2nd paragraph add the following:			skall anslutas till jordat	upotek Anbotek Anbr	hotek Anbote
The torque test is performed using a socket-outlet complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2  Denmark  After the 2nd paragraph add the following:	4.7.3	United Kingdom	Anboter Anbo	abotek Anbott	N/A
complying with BS 1363, and the plug part shall be assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark After the 2nd paragraph add the following:		To the end of the subclau	use the following is added:	Ann otek anbotek	Anbo
assessed to the relevant clauses of BS 1363. Also see Annex G.4.2 of this annex  5.2.2.2 Denmark After the 2nd paragraph add the following:		The torque test is perform	ned using a socket-outlet	Anbu ok hotek	Anbore
see Annex G.4.2 of this annex  5.2.2.2  Denmark After the 2nd paragraph add the following:				ek Anbore And	, potek
After the 2nd paragraph add the following:				ostek Anbotek Anbo	tek Anbotek
The Plus April 1964 April 1964	5.2.2.2	Denmark	olek Yupo, K	hotek Anbote And	N/A
A warning (marking cofoguard) for high touch		After the 2nd paragraph	add the following:	And borek Ar	100, bi,
A warning (marking safeguard) for high touch	Di_ bi			Anbor K An	Anborer Anb
current is required if the touch current exceeds the limits of 3,5 mA a.c. or 10 mA d.c.	nboten			Anbotek Anb	"Upolek Vi



Page 53 of 64 Report No.: 18230SC10061601

Clause	Requirement + Test	Result - Remark	Verdict
aupo,	Authorest Authorest Authorest Authorisis	Bupo, W. Wholek W.	Pote.
5.4.11.1	Finland and Sweden	Park Spotek	N/A
and Annex	To the end of the subclause the following is added:	botek Anbor Ar hotek	Anboten
Anbo	For separation of the telecommunication network from earth the following is applicable:	Anbotek Anbotek Anbotek	Anbore
	If this insulation is solid, including insulation forming part of a component, it shall at least consist of either	Anbotek Anbotek Anbotek Anbot	kotek Put
	two layers of thin sheet material, each of which shall pass the electric strength test below, or	ak Anbotek Anbotek	anbotek anbotek
	• one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below.	Anbotek Anbotek Anbotek	Anbore Anbore
	If this insulation forms part of a semiconductor component (e.g. an optocoupler), there is no distance through insulation requirement 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	Anbotek Anbotek Anbotek  Anbotek Anbotek Anbotek  Anbotek Anbotek Anbotek  Anbotek Anbotek Anbotek  Anbotek Anbotek Anbotek	Anbotek Anbotek Anbotek
	• passes the tests and inspection criteria of 5.4.8 with an electric strength test of 1,5 kV multiplied by 1,6 (the electric strength test of 5.4.9 shall be performed using 1,5 kV), and	Anborek Anborek Anborek Anborek	otek Vup.
	• is subject to routine testing for electric strength during manufacturing, using a test voltage of 1,5kV.	stek Anbotek Anbotek	Anbotek
	It is permitted to bridge this insulation with a capacitor complying with EN 60384-14:2005, subclass Y2.	Anbotek Anbotek Anbotek	Anbo
	A capacitor classified Y3 according to EN 60384-14:2005, may bridge this insulation under the following conditions:	Anbotek Anbotek Anb	rbotek Ar
	• the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 60384-14, which in addition to the Y3 testing, is tested with an impulse test of 2,5 kV defined in 5.4.11;	botek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbotek Anbot
	• the additional testing shall be performed on all the test specimens as described in EN 60384-14;	Anbotek Anbo	tek Ani
	the impulse test of 2,5 kV is to be performed before the endurance test in EN 60384-14, in the sequence of tests as described in EN 60384-14.	ak Anbotek Anbotek Ar	Anbotek
5.5.2.1	Norway water harmonia	poten Anbo. K notek	N/A
	After the 3rd paragraph the following is added:	spotek Anbote Anti	Anbott
	Due to the IT power system used, capacitors are required to be rated for the applicable line-to-line voltage (230 V).	Anbotek Anbotek Anbo	ek Aut







Page 54 of 64 Report No.: 18230SC10061601

	IEC62368_1D - ATTAC	CHMENT	
Clause	Requirement + Test	Result - Remark	Verdict
protek.	Anbores Antonek Anborek Anborek	ak hotek Anbotek Ar	upo otek
5.5.6	Finland, Norway and Sweden	Am stek Anbotek	N/A
	To the end of the subclause the following is added:	botek Anbo ok hotek	Anbore
	Resistors used as <b>basic safeguard</b> or bridging <b>basic insulation</b> in <b>class I pluggable equipment type A</b> shall comply with G.10.1 and the test of G.10.2.	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbot Ani
5.6.1	Denmark	Anbotes And	N/A
Anbotek	Add to the end of the subclause	tek Anbotek Anbo	bolek
	Due to many existing installations where the socket-outlets can be protected with fuses with higher rating than the rating of the socket-outlets the protection for pluggable equipment type A shall be an integral part of the equipment.	botek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbotek Anbote Anbote
anbotek Anbotek	Justification: In Denmark an existing 13 A socket outlet can be protected by a 20 A fuse.	Anbotek Anbotek Ant	obtek l
5.6.4.2.1	Ireland and United Kingdom	tek abotek Anbo.	N/A
	After the indent for <b>pluggable equipment type A</b> , the following is added:	abotek Anbotek Anbotes	Anbotel
	<ul> <li>the protective current rating is taken to be 13</li> <li>A, this being the largest rating of fuse used in the mains plug.</li> </ul>	Anbotek Anbotek Anbote	tek Anbro
5.6.5.1	To the second paragraph the following is added:	Lotek Anbore Am	N/A
	The range of conductor sizes of flexible cords to be accepted by terminals for equipment with a rated current over 10 A and up to and including 13 A is:	otek Anbotek Anbotek	Anbotek Anbotek
	1,25 mm <sup>2</sup> to 1,5 mm <sup>2</sup> in cross-sectional area.	hotek Anbore And	K nobo
5.7.5	Denmark  To the end of the subclause the following is added: The installation instruction shall be affixed to the equipment if the protective conductor current	Anbotek Anbotek Anbo	N/A

exceeds the limits of 3,5 mA a.c. or 10 mA d.c.



Page 55 of 64 Report No.: 18230SC10061601

Clause	Requirement + Test	Result - Remark	Verdict
pupo otek	Anbotek Anbotek Anbotek Anbote	Anbo otek anbotek	AUDOLE POR
5.7.6.1	Norway and Sweden	olon Ariba	N/A
Anbor	To the end of the subclause the following is added:	hotek Anbore An	anbotek
	The screen of the television distribution system is	ak botek Anbo.	, pr.
	normally not earthed at the entrance of the building	Anbore An tek abote	Vupo
	and there is normally no equipotential bonding	botek Anbo. An	Note Note
	system within the building. Therefore the protective	Ame tek abotek Anbi	/r
	earthing of the building installation needs to be	Anbor Ar otek	nhoten
	isolated from the screen of a cable distribution	ak abotek Anbo.	· otek
	system.	All tek suboten	AUDO
	It is however accepted to provide the insulation	botek Ando, Ar otek	Anbore.
do Ye	external to the equipment by an adapter or an interconnection cable with galvanic isolator, which	stek abotek Anbo	, wo'l
bu.	may be provided by a retailer, for example.	Anbor Ar atek anborer	And
	The state of the s	abotek Anbo	rek ant
-re/k	The user manual shall then have the following or similar information in Norwegian and Swedish	Arr tek anboten Anbo	alk.
Tupo,	language respectively, depending on in what	Anbo Ar otek	bote
	country the equipment is intended to be used in:	KK Supoter And	hojek
	"Apparatus connected to the protective earthing of	Ar. otek Anboter	BULL
	the building installation through the mains	totek Anbo k notek	Anbore
	connection or through other apparatus with a	stek supoter And	hote
	connection to protective earthing – and to a	Anbor Ar stek Anborer	Amo
	television distribution system using coaxial cable,	abotek Anlos	dna Va
rek	may in some circumstances create a fire hazard.	Al. otek Anboten Anb	. No.
	Connection to a television distribution system therefore has to be provided through a device	Anbo. K A sotek An	pole
	providing electrical isolation below a certain	ek abotek Anbo	~Otek
	frequency range (galvanic isolator, see EN 60728-	ar otek anboter	AND
	11)"	objek Anbo k wotek	Anbore
k mbo	NOTE In Norway, due to regulation for CATV-installations, and	stek anboten Anbo	hotel
ba.	in Sweden, a galvanic isolator shall provide electrical insulation	nabo. A. otek Anbote.	And
	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.	anbotek Anbo k soft	ek anb
	And And And Andrew	Ar otek anboten And	40
	Translation to Norwegian (the Swedish text will	Anbo. Anton Anton	pole P
abolen	also be accepted in Norway):	anbotek Anbo	hotek
	"Apparater som er koplet til beskyttelsesjord via	Ar otek Anbotes	Arr
	nettplugg og/eller via annet jordtilkoplet utstyr - og	Wer Aup K Potek	Anbore
	er tilkoplet et koaksialbasert kabel-TV nett, kan	otek Anboten Ann	tootel
	forårsake brannfare. For å unngå dette skal det	Alborek Anbore	Villa
	ved tilkopling av apparater til kabel-TV nett installeres en galvanisk isolator mellom apparatet	anboter Anb	JK AUPC
	og kabel-TV nettet."	hotek Anbore And	Yes
	Translation to Swedish:	And ak hotek Anb	O. V.
	Al. Stell Villa	k Anbore Anv	potek
matek	"Apparater som är kopplad till skyddsjord via jordat vägguttag och/eller via annan utrustning och	otek Anbore A	TI.
	samtidigt är kopplad till kabel-TV nät kan i vissa fal	And ak hotek	Aupor
	medfőra risk főr brand. Főr att undvika detta skall	otek Anbote And	abotek
_V.	vid anslutning av apparaten till kabel-TV nät	The Autore	b'll
	galvanisk isolator finnas mellan apparaten och	anbotes And ak wotel	Anbo
	kabel-TV nätet.".	Lak abote And	Nr.







Page 56 of 64 Report No.: 18230SC10061601

hoten A	IEC62368_1D - ATTAC	Vilpo, bi,	tek pol
Clause	Requirement + Test	Result - Remark	Verdict
hotek.	Anbotek Anbotek Anbotek Anbo	Ar botek Anboten Ar	rek
5.7.6.2	Denmark  To the end of the subclause the following is added: The warning (marking safeguard) for high touch current is required if the touch current or the protective current exceed the limits of 3,5 mA.	potek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	N/A
B.3.1 and B.4	Ireland and United Kingdom The following is applicable: To protect against excessive currents and short-circuits in the primary circuit of direct plug-in equipment, tests according to Annexes B.3.1 and B.4 shall be conducted using an external miniature circuit breaker complying with EN 60898-1, Type B, rated 32A. If the equipment does not pass these tests, suitable protective devices shall be included as an integral part of the direct plug-in equipment, until the requirements of Annexes	Anbotek	Anborek Anborek Anborek
G.4.2	B.3.1 and B.4 are met  Denmark  To the end of the subclause the following is added:	otek Anbotek Anbotek	N/A
	Supply cords of single phase appliances having a rated current not exceeding 13 A shall be provided with a plug according to DS 60884-2-D1:2011.  CLASS I EQUIPMENT provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules shall be provided with a plug in accordance with standard sheet DK 2-1a or DK 2-5a.	Anbotek Anbotek Anbotek	otek Anbotek Anbotek
	If a single-phase equipment having a RATED CURRENT exceeding 13 A or if a poly-phase equipment is provided with a supply cord with a plug, this plug shall be in accordance with the standard sheets DK 6-1a in DS 60884-2-D1 or EN 60309-2.	Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Anbr
	Mains socket outlets intended for providing power to Class II apparatus with a rated current of 2,5 A shall be in accordance DS 60884-2-D1:2011 standard sheet DKA 1-4a.	tek Anbotek Anbotek Anbotek	Anbotek Anbotek
	Other current rating socket outlets shall be in compliance with Standard Sheet DKA 1-3a or DKA 1-1c.  Mains socket-outlets with earth shall be in	Anbotek Anbotek Anbotek  Anbotek Anbotek Anbotek	Anbo
	compliance with DS 60884-2-D1:2011 Standard Sheet DK 1-3a, DK 1-1c, DK1-1d, DK 1-5a or DK 1-7a  Justification: Heavy Current Regulations, Section 6c	ek Anbotek Anbotek Anbotek	Anbotek Anbotek





Page 57 of 64 Report No.: 18230SC10061601

	IEC62368_1D - ATT	ACHMENT	
Clause	Requirement + Test	Result - Remark	Verdict
G.4.2	United Kingdom  To the end of the subclause the following is adde	ed: orek Anborek	N/A
	The plug part of direct plug-in equipment shall be assessed to BS 1363: Part 1, 12.1, 12.2, 12.3, 12.9, 12.11, 12.12, 12.13, 12.16, and 12.17, except that the test of 12.17 is performed at not less than 125 °C. Where the metal earth pin is replaced by an Insulated Shutter Opening Device (ISOD), the requirements of clauses 22.2 and 23 also apply.	Anbotek Anbote	Anbotek Anbotek Anbotek
G.7.1	United Kingdom	Vuborek Vice	N/A
	To the first paragraph the following is added:  Equipment 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 shall be fitted with a 'standar plug' in accordance with the Plugs and Sockets (Safety) Regulations 1994, Statutory Instrument 1994 No. 1768, unless exempted by those regulations.  NOTE "Standard plug" is defined in SI 1768:1994 and	ard Anbornatek Anborek An	Anbotek Anbotek Anbotek Anbotek
otek P	essentially means an approved plug conforming to BS 1363 an approved conversion plug.	or Anborek Anborek Anbore	y Aup
G.7.1	Ireland	Anbo sek abotek Ant	N/A
Anborek Anborek Anborek Anborek	To the first paragraph the following is added: Apparatus which is fitted with a flexible cable or cord shall be provided with a plug in accordance with Statutory Instrument 525: 1997, "13 A Plugs and Conversion Adapters for Domestic Use Regulations: 1997. S.I. 525 provides for the recognition of a standard of another Member Stawhich is equivalent to the relevant Irish Standard	te Anborek Anborek Anborek	Anbotek Anbotek Anbotek Anbo
G.7.2	Ireland and United Kingdom	rel notek Anbo	N/A
	To the first paragraph the following is added: A power supply cord with a conductor of 1,25 mr is allowed for equipment which is rated over 10 A and up to and including 13 A.		Anbotek Anbotek





Page 58 of 64 Report No.: 18230SC10061601

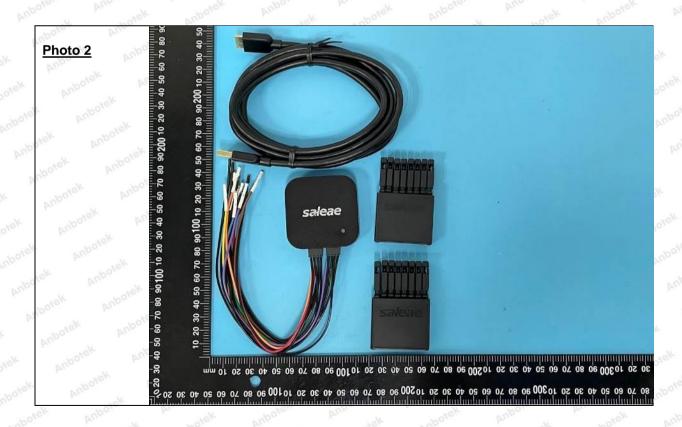
010	10,	гау	Je 30 01 04	Report No., 10	2303010001001
totek.		IEC62368_	1D - ATTACI	HMENT	
Clause	Requirement + Test	nbotek	Anboro	Result - Remark	Verdict

ZC	ANNEX ZC, NATIONAL DEVIATIONS (EN)	N/A
10.5.2	Germany of the Annual A	N/A
	The following requirement applies:	
	For the operation of any cathode ray tube intended for the display of visual images operating at an acceleration voltage exceeding 40 kV, authorization is required, or application of type approval (Bauartzulassung) and marking.	
	Justification: German ministerial decree against ionizing radiation (Röntgenverordnung), in force since 2002-07-01, implementing the European Directive 96/29/EURATOM.	
	NOTE Contact address: Physikalisch-Technische Bundesanstalt, Bundesallee 100, D-38116 Braunschweig, Tel.: Int +49-531-592-6320, Internet: http://www.ptb.de	

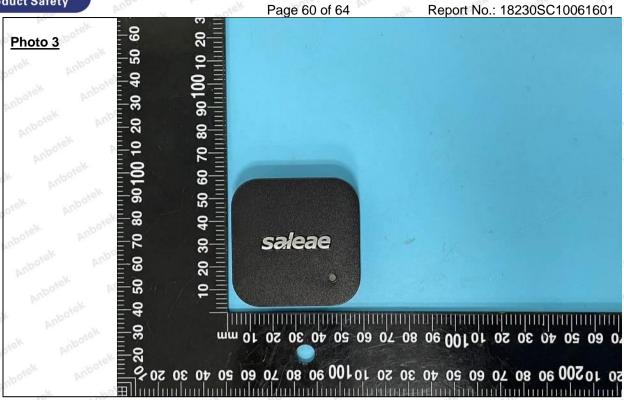


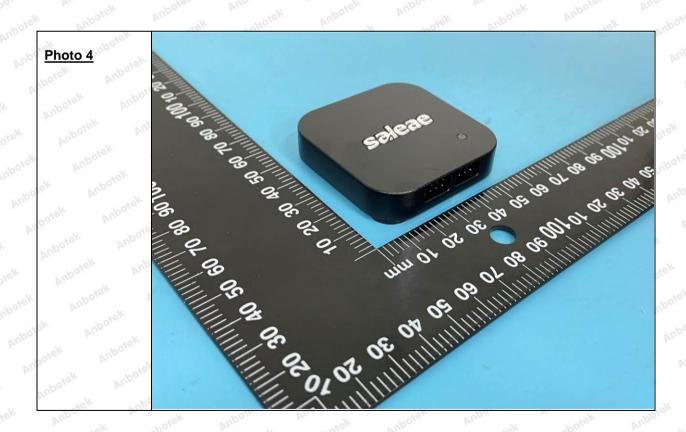
Page 59 of 64 Report No.: 18230SC10061601 Photo





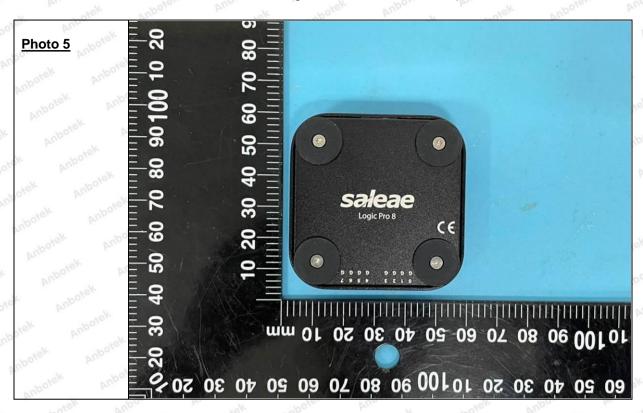


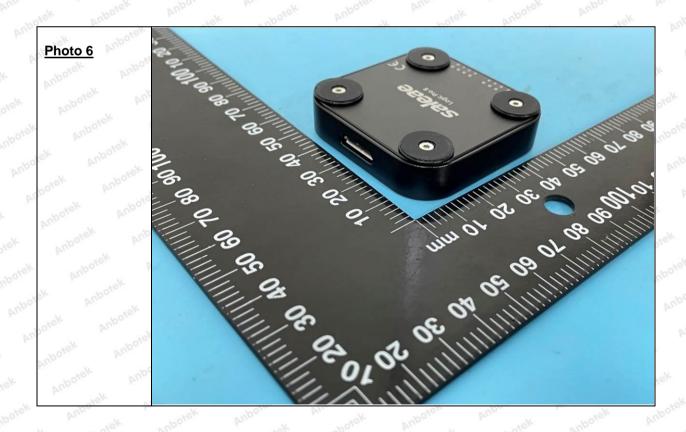






Page 61 of 64 Report No.: 18230SC10061601





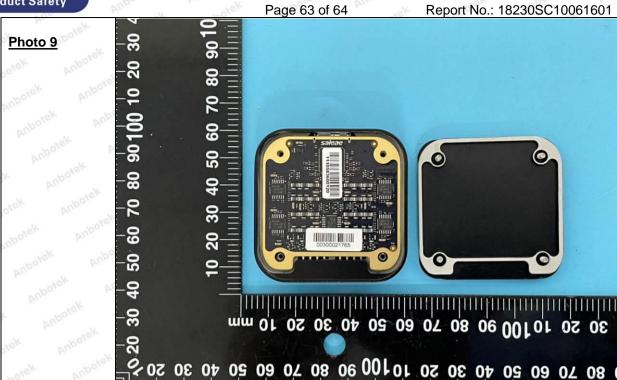


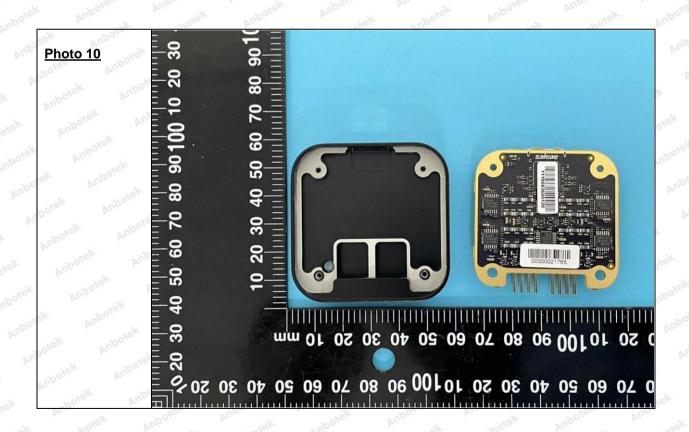
Page 62 of 64 Report No.: 18230SC10061601













Page 64 of 64 Report No.: 18230SC10061601

