

Report No.: 18230SC00100401

# Test Report

Client Name Anker Innovations Limited

Room 1318-19,Hollywood Plaza,610 Nathan Road,Mongkok,Kowloon,Hong Kong Address

: Indoor Cam 2K Pan & Tilt Product Name

Dec.09, 2020 Date





# **TEST REPORT** IEC 60950-1

# Information technology equipment - Safety Part 1: General requirements

Report Number. ....: 18230SC00100401

Date of issue .....: Dec.09, 2020 Total number of pages..... 47 pages

Anker Innovations Limited Applicant's name.....:

Address ....:: Room 1318-19, Hollywood Plaza, 610 Nathan

Road, Mongkok, Kowloon, Hong Kong

Test specification:

IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013 Standard ....::

Type Tested Test procedure ....:

Non-standard test method....:

#### General disclaimer:

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

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Testing procedure and	testing	location:
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Shenzhen Anbotek Compliance Laboratory Limited **Testing Laboratory:** 

1/F, Building D, Sogood Science and Technology Park, Testing location/ address

Sanwei community, Hangcheng Street, Bao'an District,

Shenzhen, Guangdong, China.518102

Yoli Peng Tested by (name + signature) .....:

Toli Porg Smile Tian

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



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Test item description.....: Indoor Cam 2K Pan & Tilt

Trade Mark.....: eufy SECURITY

Manufacturer .....: Anker Innovations Limited

Room 1318-19, Hollywood Plaza, 610 Nathan

Road, Mongkok, Kowloon, Hong Kong

Model/Type reference .....: T8410

**Ratings**.....: Input: 5V==-2A

# Tests performed (name of test and test clause):

The submitted samples were found to comply with the requirements of:

#### Electrical safety

- IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013

#### **Testing location:**

Shenzhen Anbotek Compliance Laboratory Limited 1/F, Building D, Sogood Science and Technology Park, Sanwei community, Hangcheng Street, Bao'an District, Shenzhen, Guangdong, China.518102

List of countries addressed: N/A

#### Copy of marking plate:

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

eufy SECURITY

Indoor Cam 2K Pan & Tilt

Model: T8410 Input: 5V==-2A



Manufacturer: Anker Innovations Limited

Address: Room 1318-19, Hollywood Plaza, 610 Nathan

Road, Mongkok, Kowloon, Hong Kong

Made in china



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Test item particulars:	otek Anbote Ant tek stortek
Equipment mobility	[X] movable [] hand-held [] transportable [] stationary [] for building-in [] direct plug-in
Connection to the mains:	[] pluggable equipment [] type A [] type B [] permanent connection [] detachable power supply cord [] non-detachable power supply cord [X] not directly connected to the mains
Operating condition:	[X] continuous [] rated operating / resting time:
Access location:	[X] operator accessible [] restricted access location
Over voltage category (OVC):	[] OVC I [] OVC II [] OVC III [] OVC IV [X] other: Supplied by external DC source
Mains supply tolerance (%) or absolute mains supply values:  Tested for IT power systems:	N.A. [] Yes [X] No
IT testing, phase-phase voltage (V):	II TOS [A] NO
Class of equipment:	[] Class I [] Class II [X] Class III [] Not classified
Considered current rating of protective device as part of the building installation (A)	N.A. Anbotek Anbotek Anbotek
Pollution degree (PD):	[] PD 1 [X] PD 2 [] PD 3
Let 100 K NOTE ATT	IPX0
IP protection class:	
IP protection class: Altitude during operation (m)	2000

Possible test case verdicts:					VU
- 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)				Nek
Testing:	Aupor	-/c   Pri -	otek Anb	oter And	14
Date of receipt of test item:	2020-11-3	30			rupo,

2020-11-30 to 2020-12-07

Date (s) of performance of tests .....:



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General remarks:	oten Anbo	k hotek Anbore All	stek anboten Ar
"(See Enclosure #)" refer	rs to additional inf	ormation appended to the report.	Anbo ak hotek
hroughout this report a comma / point is used as the decimal separator.  //hen differences exist; they shall be identified in the General product information section.  ame and address of factory (ies): Anker Innovations Limited Room 1318-19,Hollywood Plaza,610 Nathan Road,Mongkok,Kowloon,Hong Kong  deneral product information: The product supplied by 5V source . The apparatus covered in this report was Indoor Cam 2K Pan & Tilt, Class III apparatus. The max. operating temperature was 40°C and the max. altitude was 2000m.			
ok hotek	roughout this report a ☐ comma / ☒ point is used as the decimal separator.  Then differences exist; they shall be identified in the General product information section.  The and address of factory (ies)		
Throughout this report a ☐ comma / ☐ point is used as the decimal separator.  When differences exist; they shall be identified in the General product information section.  Name and address of factory (ies)	arator.		
Aupoien Aug	s abolek	Anbor K hotek Anbort	And tek abou
When differences exist;	they shall be ide	entified in the General product info	rmation section.
Name and address of fa	actory (ies)	: Anker Innovations Limite	ed Market
		Room 1318-19,Hollywo	ood Plaza,610 Nathan
		Road, Mongkok, Kowloo	on,Hong Kong
General product inform	nation:	mbores Anna ek borek	Anbor Arek
DI.			
Napo Napo	por	vas Indoor Cam 2K Pan & Tilt Class	III apparatus
20/20	ak hoje		o. I have also
3. The max. operating t	emperature was	40°C and the max. altitude was 2000	Om. Anbor An
Ans stok			
Abbroviations used in t	the report:	tek vupojek	Augo, W. Poles
Appleviations used in t	ille report.		
- normal conditions	N.C.	- single fault conditions	S.F.C
- functional insulation			
<ul> <li>double insulation</li> </ul>	DI Nek	- supplementary insulation	tek SI Anbo
- between parts of oppos			
polarity	BOP	- reinforced insulation	ho RI All All
Indicate used abbreviat	tions (if any)		



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		IEC 60950-1		
Clause	Requirement + Test	mbotek Anbote	Result - Remark	Verdict
-ok	abotek Anbo	h otek Anbore	Ans abotek	Anbe
1Anbo.	GENERAL			anboP.

1.5 Ambore	Components	hotek Anbotes And	P
1.5.1 Andrew	General	Components which were found to affect safety aspects comply with the requirements of this standard or within the safety aspects of the relevant IEC component standards.	otek
Anboiek	Comply with IEC 60950-1 or relevant component standard	(see appended tables 1.5.1)	An P
1.5.2	Evaluation and testing of components	Components which are certified to IEC and/or national standards are used correctly within their ratings. Components not covered by IEC standards are tested under the conditions present in the equipment	nbotek
1.5.3	Thermal controls	No thermostat and temperature limiter used for thermal control circuit.	N/A
1.5.4	Transformers	Anba abotek Anba	N/A
1.5.5	Interconnecting cables	No interconnecting cables.	100 P
1.5.6	Capacitors bridging insulation	Aupotes Aug	N/A
1.5.7	Resistors bridging insulation	tek Anboren Anb	Pool
1.5.7.1	Resistors bridging functional, basic or supplementary insulation	For functional insulation only	P
1.5.7.2	Resistors bridging double or reinforced insulation between a.c. mains and other circuits	Anborek Anborek Anbo	N/A
1.5.7.3	Resistors bridging double or reinforced insulation between a.c. mains and antenna or coaxial cable	Anbotek Anbotek Ar	N/A
1.5.8	Components in equipment for IT power systems	ek Anboros Ans	N/A
1.5.9	Surge suppressors	notek Anbotes Anbo	N/A
1.5.9.1	General	work Anbotek Anbo	N/A
1.5.9.2	Protection of VDRs	Ann otek anbotek Anbo	N/A
1.5.9.3	Bridging of functional insulation by a VDR	Ando sek abotek An	N/A
1.5.9.4	Bridging of basic insulation by a VDR	Anbor An Hotek	N/A
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR	ak Anborek Anborek	N/A

16	Vi.	Power interface	AUPO	,ek	abore	VI.	100%	D AN
1.0		Power interface					VUD	F 985







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YOK D	IEC 60950-1	hotek Anbo	ek
Clause	Requirement + Test	Result - Remark	Verdict
no.K	abotek Anbot stek Anbote	Ante	00,
1.6.1	AC power distribution systems	Class III equipment, Not directly connected to AC mains	N/A
1.6.2	Input current	(see appended table 1.6.2)	P
1.6.3	Voltage limit of hand-held equipment	The EUT is not hand-held equipment	N/A
1.6.4	Neutral conductor	abotek Anbote	N/A

1.7 botek	Marking and instructions	ek botek Anbote.	P.
1.7.1	Power rating and identification markings	k wotek Anboten	Pub.
1.7.1.1	Power rating marking	See below	P <sub>Uk</sub>
Aup.	Multiple mains supply connections	Inboten Anbo	Р
otek b	Rated voltage(s) or voltage range(s) (V):	See label	otel P
abotek	Symbol for nature of supply, for d.c. only:	abotek Anbor An	N/A
hotek	Rated frequency or rated frequency range (Hz):	k hotek Anbore	N/A
Vu.	Rated current (mA or A):	See label	PULD.
1.7.1.2	Identification markings	ore And otek Anbotek	P <sub>√</sub>
otek And	Manufacturer's name or trade-mark or identification mark	See page 1	P
-otek	Model identification or type reference:	See page 1	P
'up, -tek	Symbol for Class II equipment only:	Class III equipment	N/A
Anbotek	Other markings and symbols:	Additional symbol or marking does not give rise to misunderstanding used.	Anb Anb
1.7.1.3	Use of graphical symbols	bore. Anti-	P
1.7.2	Safety instructions and marking	English version safety instruction provided	e <sup>k</sup> P
1.7.2.1	General	And otek Anbotek Ar	P.
1.7.2.2	Disconnect devices	Anbo sek abotek	N/A
1.7.2.3	Overcurrent protective device	lek Aupo, ak hotek	N/A
1.7.2.4	IT power distribution systems	Not directly connected to mains	N/A
1.7.2.5	Operator access with a tool	No such area.	N/A
1.7.2.6	Ozone	No ozne.	N/A
1.7.3	Short duty cycles	And otek anbotek An	N/A
1.7.4	Supply voltage adjustment:	No such device.	N/A
Anbore.	Methods and means of adjustment; reference to installation instructions:	otek Anbotek Anbotek	N/A
1.7.5	Power outlets on the equipment:	No such device.	N/A





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Di. No.	IEC 60950-1	V1/00	
Clause	Requirement + Test	Result - Remark	Verdict
Wek.	naborek Anbor	Ar Arboter Ar	, sk
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference)	Anbotek Anbotek	N/A
1.7.7	Wiring terminals	No wiring terminal	N/A
1.7.7.1	Protective earthing and bonding terminals	No such terminals	N/A
1.7.7.2	Terminals for a.c. mains supply conductors	Anbo nek abotek An	N/A
1.7.7.3	Terminals for d.c. mains supply conductors	No such terminals	N/A
1.7.8	Controls and indicators	Anbore Ans	N/A
1.7.8.1	Identification, location and marking	notek Anbotek Anbotek	N/A
1.7.8.2	Colours	Anbotek Anbotek Anbote	N/A
1.7.8.3	Symbols according to IEC 60417:	Anbotek Anbotek Am	N/A
1.7.8.4	Markings using figures	Auporg Au	N/A
1.7.9	Isolation of multiple power sources:	Blek Anbore, And	N/A
1.7.10	Thermostats and other regulating devices:	No such regulating device.	N/A
1.7.11 Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek Anbotek	Durability  Anborek  Anborek  Anborek  Anborek  Anborek  Anborek  Anborek  Anborek  Anborek  Anborek	The label was subjected to the permanence of marking test. The label was rubbed with cloth soaked with water for 15 sec. and then again for 15 sec. with the cloth soaked with petroleum spirit  After this test there was no damage to the label. The marking on the label did not fade. There was no curling nor lifting of the label edge	Tek P had been been been been been been been bee
1.7.12	Removable parts	Projek Anboier A	N/A
1.7.13	Replaceable batteries	k hotek Anbotek	N/A
Virg.	Language(s):	Anti-	_
1.7.14	Equipment for restricted access locations	nooter And ak hotek	N/A

2 otek	PROTECTION FROM HAZARDS	P
2.1	Protection from electric shock and energy hazards	P
2.1.1	Protection in operator access areas	AUD OF
2.1.1.1	Access to energized parts	N/A
Aupon	Test by inspection:	N/A
yek Ant	Test with test finger (Figure 2A):	N/A





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Die Vier	IEC 60950-1	Allhore And	er.
Clause	Requirement + Test	Result - Remark	Verdict
no sak	abotek Anbot	Ans ak botek An	(p)
Aupo.	Test with test pin (Figure 2B):	Aupo. W. Potek	N/A
	Test with test probe (Figure 2C):	No TNV circuit within the equipment	N/A
2.1.1.2	Battery compartments	No battery compartment within the equipment	N/A
2.1.1.3	Access to ELV wiring	No internal wiring at ELV	N/A
Anbotek	Working voltage (Vpeak or Vrms); minimum distance through insulation (mm)	Anbotek Anbotek An	_
2.1.1.4	Access to hazardous voltage circuit wiring	k Aupor Ar. Potek	N/A
2.1.1.5	Energy hazards:	otek Anbore And otek	N/A
2.1.1.6	Manual controls	No such control	N/A
2.1.1.7	Discharge of capacitors in equipment	No such capacitor used	N/A
rek	Measured voltage (V); time-constant (s):	And otek Anbotek Anb	_
2.1.1.8	Energy hazards – d.c. mains supply	Anbo ek abotek	N/A
Aupo.	a) Capacitor connected to the d.c. mains supply .:	Aupo. A. hotek	N/A
Anboro	b) Internal battery connected to the d.c. mains supply :	stek Anborek Anborek	N/A
2.1.1.9	Audio amplifiers:	upo. W. Polsk Vupoje	N/A
2.1.2	Protection in service access areas	No services access areas	N/A
2.1.3	Protection in restricted access locations	Equipment not intended to used in restricted access locations	N/A

2.2 mbot	SELV circuits	notek Anborek Anbore	Р
2.2.1	General requirements	See below.	P
2.2.2	Voltages under normal conditions (V):	Max. DC 5V input is not likely to be exceeded. Since there is no voltage boosting circuit within the product after examination.	P botek
2.2.3	Voltages under fault conditions (V):	Single fault did not cause excessive voltage in accessible SELV circuits. Limits of 71V peak and 120V peak were not exceeded within 0.2 seconds and limits 42.4V peak and 60V d.c. was not exceeded for longer than 0.2 seconds.	P Anbove Anbove Anb
2.2.4	Connection of SELV circuits to other circuits:	Intended to connect to SELV circuits	Anb P

2.3	TNV circuits	Anbo	botek	Anbore Ant otek	Anbotek	N/A
2.3.1	Limits	Anbor	bi. notek	No TNV circuits	anbore	N/A







	IEC 60950-1		
Clause	Requirement + Test	Result - Remark	Verdict
Un Wak	Anbotek Anbo	An Arek Arbotek Ar	100
Pupo OK	Type of TNV circuits:	Anbo ok bořek	
2.3.2	Separation from other circuits and from accessible parts	ak Anborek Anborek	N/A
2.3.2.1	General requirements	bo. Ar shotek Anbotes	N/A
2.3.2.2	Protection by basic insulation	Anbor Anbor	N/A
2.3.2.3	Protection by earthing	Anbote. And otek Ant	N/A
2.3.2.4	Protection by other constructions:	Anboten Anbo	N/A
2.3.3	Separation from hazardous voltages	ek kupotek Aupo	N/A
abot	Insulation employed:	tek aborek Anbore	
2.3.4	Connection of TNV circuits to other circuits	ok hotek Anbore	N/A
e. Bu.	Insulation employed::	Anbore Anborek Anbore	_
2.3.5	Test for operating voltages generated externally	Anboier Anto	N/A
Anborek	Anbo kek abotek Anbote Anbotek	Anbores Anbo	abotek
2.4	Limited current circuits	ik Anborek Anbor	N/A
2.4.1	General requirements	rek obotek Anbore	N/A
2.4.2	Limit values	lak botek Anbores	N/A
berr.	Frequency (Hz):	hoose Anbore	
John I	Measured current (mA):	Anbore Anb	_
upotek	Measured voltage (V):	Anboien Anbo	
Anbotek	Measured circuit capacitance (nF or µF):	anborok Anbo	
2.4.3	Connection of limited current circuits to other circuits	ek Anbotek Anbotek	N/A
bur.	stek sobotek Anber ok hotek	inhorier Aries atek anbotek	PL
2.5	Limited power sources	Anbores Anb	N/A
abotek	a) Inherently limited output	(see appended table 2.5)	N/A
botek	b) Impedance limited output	(see appended table 2.5)	N/A
Anbotek	c) Regulating network or IC current limiter, limits output under normal operating and single fault condition	(see appended table 2.5)	N/A
rek.	Use of integrated circuit (IC) current limiters	(See Annex CC)	N/A
	d) Overcurrent protective device limited output	Aupo, W. Polsk Wipo,	N/A
nbotek	Max. output voltage (V), max. output current (A), max. apparent power (VA)	(see appended table 2.5)	_
P. V	20, 70,	by	

e\-	2.6	Provisions for earthing and bonding	Anbotek Anbotek	N/A
00	2.6.1	Protective earthing	Class III equipment.	N/A

Hotline 400-003-0500 www.anbotek.com

Current rating of overcurrent protective device (A) .:





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stek An	IEC 60950-1	hotek Anbo' Al	Nek n
Clause	Requirement + Test	Result - Remark	Verdict
no/	abotek Anbot	Arra abotek Ar	100
2.6.2	Functional earthing	Aupo, ok Polsk	N/A
	Use of symbol for functional earthing	ek Anbore Ans	N/A
2.6.3	Protective earthing and protective bonding conductors	otek Anbotek Anbotek	N/A
2.6.3.1	General	Anbore Ans otek anbor	N/A
2.6.3.2	Size of protective earthing conductors	Anboten And	N/A
Anbotek	Rated current (A), cross-sectional area (mm²), AWG	Anbotek Anbotek	
2.6.3.3	Size of protective bonding conductors	And sek upotek	N/A
ek Anbo	Rated current (A), cross-sectional area (mm²), AWG	ster Anbotek Anbotek	_
ootek p	Protective current rating (A), cross-sectional area (mm²), AWG	Aupotek Aupotek Vulo	_
2.6.3.4	Resistance of earthing conductors and their terminations; resistance $(\Omega)$ , voltage drop (V), test current (A), duration (min)	Anbotek Anbotek	N/A
2.6.3.5	Colour of insulation	Jek Anbore And	N/A
2.6.4	Terminals	botek Anbotek Anbi	N/A
2.6.4.1	General Market M	otek onbotek Anbo	N/A
2.6.4.2	Protective earthing and bonding terminals	Anto Lek abotek Anto	N/A
<sup>7</sup> upo <sub>tek</sub>	Rated current (A), type, nominal thread diameter (mm)	Anbotek Anbotek	3 —
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors	ek Anbotek Anbotek	N/A
2.6.5	Integrity of protective earthing	poter Anbo tek shotel	N/A
2.6.5.1	Interconnection of equipment	aupotek Aupor ok m	<sup>≥</sup> N/A
2.6.5.2	Components in protective earthing conductors and protective bonding conductors	No such component used.	N/A
2.6.5.3	Disconnection of protective earth	Anbore All hotek	N/A
2.6.5.4	Parts that can be removed by an operator	ak Aupole, Vin.	N/A
2.6.5.5	Parts removed during servicing	notek Anbotes Anbo	N/A
2.6.5.6	Corrosion resistance	otek Anbotek Anbor	N/A
2.6.5.7	Screws for protective bonding	And tek abotek Anbo	N/A
2.6.5.8	Reliance on telecommunication network or cable distribution system	Vuposek Vuposek Vu	N/A

2.7	Overcurrent and earth fault protection in primary	circuits	Anbor	N/A
2.7.1	Basic requirements	No primary circuits	Aupore	N/A



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yek An	IEC 60950-1	botek Anbo. A.	ek N
Clause	Requirement + Test	Result - Remark	Verdict
no well	abotek Anbot	And botek An	00
	Instructions when protection relies on building installation	k Anbotek Anbotek	N/A
2.7.2	Faults not simulated in 5.3.7	tek abotek Anbote	N/A
2.7.3	Short-circuit backup protection	or Ar hotek Anboter	N/A
2.7.4	Number and location of protective devices:	Anbore Ans Anbor	N/A
2.7.5	Protection by several devices	Anboter And stek and	N/A
2.7.6	Warning to service personnel:	anbotel Anbo	N/A

2.8	Safety interlocks	sek spotek Aupore	N/A
2.8.1	General principles	No safety interlocks.	N/A
2.8.2	Protection requirements	upote k wotek Aupote	N/A
2.8.3	Inadvertent reactivation	Anbores And	N/A
2.8.4	Fail-safe operation	Anbotek Anbo	N/A
Motek	Protection against extreme hazard	Anbotek Anbo.	N/A
2.8.5	Moving parts	ek obotek Anbot	N/A
2.8.6	Overriding	ok botek Anbote	N/A
2.8.7	Switches, relays and their related circuits	those Ambores	N/A
2.8.7.1	Separation distances for contact gaps and their related circuits (mm)	Anbotek Ambotek Ambo	N/A
2.8.7.2	Overload test	hotek Anbotek A	N/A
2.8.7.3	Endurance test	Ann otek anbotek	N/A
2.8.7.4	Electric strength test	er Anbotek	N/A
2.8.8	Mechanical actuators	botek Anbo ok botek	N/A

2.9	Electrical insulation	hotek Anbore Am	P
2.9.1	Properties of insulating materials	Natural rubber, asbestos or hygroscopic material not used	Р
2.9.2	Humidity conditioning	tek unpotek Aupon	N/A
· abor	Relative humidity (%), temperature (°C)	stek sobotek Anbor	_
2.9.3	Grade of insulation	Functional insulation only	P
2.9.4	Separation from hazardous voltages	Anbor Anbor	N/A
upor	Method(s) used	Anbote And Motek Ant	_

10.	, ale 100, bit 100, b	10.
2.10	Clearances, creepage distances and distances through insulation	100 TO
120	ate.	0.00





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oter An	IEC 60950-1	hotek Anb	ek.
Clause	Requirement + Test	Result - Remark	Verdic
2.10.1	General	Class III equipment, no Cr. & Cl. Requirement, see table 5.3 for single fault tests. (Cl.5.3.4 applied)	N/A
2.10.1.1	Frequency	otek Anbotek Anbo	N/A
2.10.1.2	Pollution degrees	and stek anbotek Anbo	N/A
2.10.1.3	Reduced values for functional insulation	Anbo Lek abotek Ani	N/A
2.10.1.4	Intervening unconnected conductive parts	Vupo, bush	N/A
2.10.1.5	Insulation with varying dimensions	k Anbore An-	N/A
2.10.1.6	Special separation requirements	otek Anbote. Anv	N/A
2.10.1.7	Insulation in circuits generating starting pulses	sotek Anbotek Anbo	N/A
2.10.2	Determination of working voltage	ine stek anbotek Anbo.	N/A
2.10.2.1	General	Anbo sek abotek Ant	N/A
2.10.2.2	RMS working voltage	Anbo, Ar shotek	N/A
2.10.2.3	Peak working voltage	Anbore An work	N/A
2.10.3	Clearances	otek Anbote And otek	N/A
2.10.3.1	General	botek Anboten Anbu	N/A
2.10.3.2	Mains transient voltages	otek anbotek Anbo	N/A
, ek	a) AC mains supply:	Anbo tek anbotek Anb	N/A
Aupo.	b) Earthed d.c. mains supplies:	Anbo. Ak abotek A	N/A
Anbor	c) Unearthed d.c. mains supplies:	Aupo, Ak Potek	N/A
Anbore	d) Battery operation	ek Anbore And	N/A
2.10.3.3	Clearances in primary circuits	notek Anbotek Anbo	N/A
2.10.3.4	Clearances in secondary circuits	notek Anbotek Anbo	N/A
2.10.3.5	Clearances in circuits having starting pulses	And arek Anborek Anbo	N/A
2.10.3.6	Transients from a.c. mains supply:	Anbo tok abotek Ar	N/A
2.10.3.7	Transients from d.c. mains supply	Aupor, by by	N/A
2.10.3.8	Transients from telecommunication networks and cable distribution systems:	ak Anborek Anborek	N/A
2.10.3.9	Measurement of transient voltage levels	Do. W. Potek Vupoter	N/A
Die Die	a) Transients from a mains supply	Anboro K Anto	N/A
hote	For an a.c. mains supply	Anbore And stek An	N/A
Anbotek	For a d.c. mains supply:	Anborek Anbo Lek	N/A
Anbotek	b) Transients from a telecommunication network :	k upotek Anbox	N/A
2.10.4	Creepage distances	sek obotek Anbore	N/A
2.10.4.1	General	ov Anbotek Anbotes	N/A
2.10.4.2	Material group and comparative tracking index	unbole Am	N/A





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Die. Vu.	IEC 60950-1	Anhore And	ek
Clause	Requirement + Test	Result - Remark	Verdict
- storek	OT toots work annotek anbo	abotek Anbote An	N/A
24042	CTI tests	K Hotek Mupoter	N/A
2.10.4.3	Minimum creepage distances	Ans Ansotek	N/A
2.10.5	Solid insulation	oter And tek inbetek	N/A
2.10.5.1	General	rupotek Vupo, W.	N/A
2.10.5.2	Distances through insulation	* upotek Aupois Air	N/A
2.10.5.3	Insulating compound as solid insulation	Pr. Pupote, Vu	N/A
2.10.5.4	Semiconductor devices	k polek Aupolek	N/A
2.10.5.5.	Cemented joints	And otek nototek	DUL
2.10.5.6	Thin sheet material – General	otek Anbo kek abotek	N/A
2.10.5.7	Separable thin sheet material	opotek Anbore Alir	N/A
otek N	Number of layers (pcs)	Totek Anboien Ann	
2.10.5.8	Non-separable thin sheet material	And Anbotek Anb	N/A
2.10.5.9	Thin sheet material – standard test procedure	And wek abotek	N/A
Anbo.	Electric strength test	Anbo. Ak shotek	—
2.10.5.10	Thin sheet material – alternative test procedure	otek Anboro K Air.	N/A
	Electric strength test	botek Anboter And	_
2.10.5.11	Insulation in wound components	Lotek Anbotes Anb	N/A
2.10.5.12	Wire in wound components	Anti-	N/A
Vupo.	Working voltage:	Anbo sek abotek A	N/A
Aupor	a) Basic insulation not under stress:	Aupo, Ar. Potek	N/A
Aupore	b) Basic, supplementary, reinforced insulation:	lek Anbore And Sofek	N/A
k Aupo,	c) Compliance with Annex U	potek Amborek Amb	N/A
otek An	Two wires in contact inside wound component; angle between 45° and 90°	Anbotek Anbotek Anbo	N/A
2.10.5.13	Wire with solvent-based enamel in wound components	Anbotek Anbotek Ar	N/A
hotek	Electric strength test	ok hotek Anboron	_
har more	Routine test	k hotek Anbotek	N/A
2.10.5.14	Additional insulation in wound components	poter And stek anbotek	N/A
Neg Pup	Working voltage	Anbores Anbo	N/A
nbotek	- Basic insulation not under stress:	Anbotek Anbor An	N/A
abotek	- Supplementary, reinforced insulation:	abotek Anbote An	N/A
2.10.6	Construction of printed boards	k botek Anboten	Pre
2.10.6.1	Uncoated printed boards	hun otek vupotek	Pupo,
2.10.6.2	Coated printed boards	oran prior w worth	N/A





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stek An	IEC 60950-1	hotek Anbote And	ek n
Clause	Requirement + Test	Result - Remark	Verdict
no de	abotek Anbot	And abotek An	00
2.10.6.3	Insulation between conductors on the same inner surface of a printed board	k Anbotek Anbotek	N/A
2.10.6.4	Insulation between conductors on different layers of a printed board	potek Anbotek Anbotek	N/A
tek Ant	Distance through insulation	abotek Anboy A An	N/A
potek I	Number of insulation layers (pcs)	abotek Anbore Am	N/A
2.10.7	Component external terminations	hotek Anboter An	N/A
2.10.8	Tests on coated printed boards and coated components	Anbotek Anbotek	N/A
2.10.8.1	Sample preparation and preliminary inspection	nek Anbores And	N/A
2.10.8.2	Thermal conditioning	otek anbotek Anbo	N/A
2.10.8.3	Electric strength test	Augo, Tek Jupotek Augo,	N/A
2.10.8.4	Abrasion resistance test	Ando Lak abotek Anb	N/A
2.10.9	Thermal cycling	Anbo. Ak hotek	N/A
2.10.10	Test for Pollution Degree 1 environment and insulating compound	Anbotek Anbotek	N/A
2.10.11	Tests for semiconductor devices and cemented joints	botek Anbotek Anbote	N/A
2.10.12	Enclosed and sealed parts	Potek Pupo, Ville	N/A

3	WIRING, CONNECTIONS AND SUPPLY	And sek abotek A	N/A
3.1	General Management of the Control of	Aupo, A Molek	N/A
3.1.1, nboth	Current rating and overcurrent protection	The cross-sectional area of internal wires is adequate for the current they are intended to be carried.	N/A
3.1.2	Protection against mechanical damage	Wires do not touch sharp edges which could damage the insulation and cause hazard.	N/A
3.1.3	Securing of internal wiring	k hotek Anbotek	N/A
3.1.4	Insulation of conductors	And otek Ambotek	N/A
3.1.5	Beads and ceramic insulators	potek Anbo tek abotek	N/A
3.1.6	Screws for electrical contact pressure	Anbotek Anbo. A. bot	N/A
3.1.7	Insulating materials in electrical connections	No insulating materials used in electrical connections	N/A
3.1.8	Self-tapping and spaced thread screws	Aupo. A. Potek	N/A
3.1.9	Termination of conductors	k Anbor An work	N/A
Auporo	10 N pull test	lotek Aupote Aug	N/A
3.1.10	Sleeving on wiring	hotek Anbotes Anb	N/A







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stek p	nboten Anb	IEC 60950-1	Anbotek Anboten	Anb
Clause	Requirement + Test	abotek Anbote	Result - Remark	Verdict

3.2	Connection to a mains supply	Not connected to mains supply	N/A
3.2.1	Means of connection	otek Anbotes Anb	N/A
3.2.1.1	Connection to an a.c. mains supply	otek Anbotek Anbo	N/A
3.2.1.2	Connection to a d.c. mains supply	Yup tek upotek Vupo.	N/A
3.2.2	Multiple supply connections	Anbo. Ank shotek Ank	N/A
3.2.3	Permanently connected equipment	Anbore K hotek	N/A
Anboro	Number of conductors, diameter of cable and conduits (mm)	kek abotek Anbotek	_
3.2.4	Appliance inlets	or Anboter	N/A
3.2.5	Power supply cords	inbore Ambore	N/A
3.2.5.1	AC power supply cords	Anbote And	N/A
Anbotek	Type:	Anbotek Anbo	_
Anbotek	Rated current (A), cross-sectional area (mm²), AWG	Anbotek Anbotek	—
3.2.5.2	DC power supply cords	ster. Yupovek	N/A
3.2.6	Cord anchorages and strain relief	upotek Anbor ak botel	N/A
otek Ar	Mass of equipment (kg), pull (N):	upotek Anbor Ar	_
abotek	Longitudinal displacement (mm):	abotek Anbote An	_
3.2.7	Protection against mechanical damage	hotek Anbores A	N/A
3.2.8	Cord guards	k hotek Anbotes	N/A
k Anbot	Diameter or minor dimension D (mm); test mass (g)	botek Anbotek Anbotek	_
otek An	Radius of curvature of cord (mm):	botek Anbotes Anti-	
3.2.9	Supply wiring space	Arthur Anboten Anbo	N/A

3.3	Wiring terminals for connection of external conductors		N/A
3.3.1	Wiring terminals	lek Anbour ke botek	N/A
3.3.2	Connection of non-detachable power supply cords	potek Anbor k An botek	N/A
3.3.3	Screw terminals	sbotek Anbore And	N/A
3.3.4	Conductor sizes to be connected	Anbotes Anbotes Anb	N/A
Anbotek	Rated current (A), cord/cable type, cross-sectional area (mm²)	Anbotek Anbotek An	_
3.3.5	Wiring terminal sizes	ek Anboten Anb	N/A
Anbo	Rated current (A), type, nominal thread diameter (mm)	lotek Anbotek Anbotek	_
3.3.6	Wiring terminal design	Imposer Ann tek moore	N/A





tek Aup	IEC 60950-1	hotek Anbor Ar	ek
Clause	Requirement + Test	Result - Remark	Verdict
10°	botek Anbore Anbore	Arres abotek Ann	(Ac)
3.3.7	Grouping of wiring terminals	Aupo, W Wolek	N/A
3.3.8	Stranded wire	ak Anbore And	N/A
Anbore	And tek upotek Anbor ak	notek Anbotek Anb	day
3.4	Disconnection from the mains supply		N/A
3.4.1	General requirement	Anbor	N/A
3.4.2	Disconnect devices	Anbo Lok abotek Anh	N/A
3.4.3	Permanently connected equipment	Aupo, K. Polek	N/A
3.4.4	Parts which remain energized	k Aupolo Aur	N/A
3.4.5	Switches in flexible cords	otek Anbores Anbo	N/A
3.4.6	Number of poles - single-phase and d.c. equipment	inbotek Anbotek Anbote	N/A
3.4.7	Number of poles - three-phase equipment	Anbore And	N/A
3.4.8	Switches as disconnect devices	Anbotes Anti-	N/A
3.4.9	Plugs as disconnect devices	Anbotek Anbo	N/A
3.4.10	Interconnected equipment	tek Anbotek Anbo.	N/A
3.4.11	Multiple power sources	tek shotek Anbore	N/A
Y. Pr.	hotek Anbotes And tek obotek A	unbore Ambore	bi <sub>2</sub>
3.5	Interconnection of equipment	Anbore Anbrotek Anbro	N/A
3.5.1	General requirements	Anbores And	N/A
3.5.2	Types of interconnection circuits:	SELV to SELV	N/A
3.5.3	ELV circuits as interconnection circuits	No ELV interconnection	N/A
3.5.4	Data ports for additional equipment	No data ports	N/A
4 <sup>eh</sup> An	PHYSICAL REQUIREMENTS	nbotek Anbotek Anbot	ie <sub>jk</sub> B
4.1 <sup>10</sup>	Stability	wotek Anbotek Anbo	N/A
arek	Angle of 10°	<7 Kg	N/A
Mapa	Test force (N):	Andrew Borek	N/A

4.2	Mechanical strength	hbor All otek Anboten	PARD
4.2.1	General	Anboter And	P P
potek	Rack-mounted equipment.	Anbotek Anbo tek	ote <sup>k</sup> P
4.2.2	Steady force test, 10 N	anbotek Anbo, A.	"°b⊁
4.2.3	Steady force test, 30 N	ak abotek Anbote	N/A
4.2.4	Steady force test, 250 N	250 N applied to outer enclosure. No energy or other hazards.	Anbo





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	IEC 60950-1		
Clause	Requirement + Test	Result - Remark	Verdict
no.K	shorter Anbord	And aborek An	00.
4.2.5	Impact test	Aupor Ar. Polsk	N/A
Anbore	Fall test	ak Anbore And	N/A
Anbore	Swing test	otek Anboten And	N/A
4.2.6	Drop test; height (mm):	1000mm, 3 times	P
4.2.7	Stress relief test	70°C for 7 hours	Р
4.2.8	Cathode ray tubes	No cathode ray tube	N/A
Anborek	Picture tube separately certified:	(see separate test report or attached certificate)	N/A
4.2.9	High pressure lamps	No high pressure lamp	N/A
4.2.10	Wall or ceiling mounted equipment; force (N):	Not wall or ceiling mounted equipment.	N/A

4.3	Design and construction		P
4.3.1	Edges and corners	The outer surface of the equipment is smooth	Anborel
4.3.2	Handles and manual controls; force (N)	No such equipment	N/A
4.3.3	Adjustable controls	No adjustable controls	N/A
4.3.4	Securing of parts	All parts secured	ROL P
4.3.5	Connection by plugs and sockets	And notek anbotek Anb	N/A
4.3.6	Direct plug-in equipment	Ann tek anbotek	N/A
Anbo	Torque	Anbo Lak abotek	_
k Vupo,	Compliance with the relevant mains plug standard	tek Anbotek Anbotek	N/A
4.3.7	Heating elements in earthed equipment	No such elements.	N/A
4.3.8	Batteries	Anbor Anborek Anbo	N/A
upor	- Overcharging of a rechargeable battery	Aupore Augusta	N/A
Anbore	- Unintentional charging of a non-rechargeable battery	Anbotek Anbotek	N/A
Pro-	- Reverse charging of a rechargeable battery	k hotek Anboten	N/A
Pilip	- Excessive discharging rate for any battery	pore And stek anbotek	N/A
4.3.9	Oil and grease	No oil and grease	N/A
4.3.10	Dust, powders, liquids and gases	No dust, powders, liquids and gases	N/A
4.3.11	Containers for liquids or gases	No such containers	N/A
4.3.12	Flammable liquids:	No flammable liquid	N/A
Aupon	Quantity of liquid (I):	Notek Anborn k Ann	N/A
iek ant	Flash point (°C):	hotek Anbores Ann	N/A







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stek Ant	IEC 60950-1	hotek Anbotes Anb	ek
Clause	Requirement + Test	Result - Remark	Verdict
in a	abotek Anbot	And sek abatel An	60
4.3.13	Radiation	Anbor An Motek	N/A
4.3.13.1	General	sk Anbore And	N/A
4.3.13.2	Ionizing radiation	No ionizing radiation.	N/A
rek anb	Measured radiation (pA/kg)	otek Anbotek Anbo	
stek .	Measured high-voltage (kV):	And otek Anbotek Anbo	
rek.	Measured focus voltage (kV):	Anti-	
Anbo.	CRT markings:	Anbo. P. abotek	
4.3.13.3	Effect of ultraviolet (UV) radiation on materials	No ultraviolet radiation.	N/A
ek ab	Part, property, retention after test, flammability classification:	otek Anbotek Anbotek	N/A
4.3.13.4	Human exposure to ultraviolet (UV) radiation:	inpo. Ar polek Aupole	N/A
4.3.13.5	Lasers (including laser diodes) and LEDs	Ambore Amb	N/A
4.3.13.5.1	Lasers (including laser diodes)	Anbore Ann otek	N/A
Anboret	Laser class:	Anboter And	N/A
4.3.13.5.2	Light emitting diodes (LEDs)	tek Anbotek Anbo	-
4.3.13.6	Other types:	tek abotek Anbot	b.,

4.4	Protection against hazardous moving parts		N/A
4.4.1	General	No such moving parts.	N/A
4.4.2	Protection in operator access areas:	Anbotes Anbotek	N/A
k Anboren	Household and home/office document/media shredders	rek Anbotek Anbotek	N/A
4.4.3	Protection in restricted access locations:	bore Americk Anbotek	N/A
4.4.4	Protection in service access areas	Anbotes Anbo	N/A
4.4.5	Protection against moving fan blades	Anborek Anbor An	N/A
4.4.5.1	General	abotek Anbote An	N/A
hotek	Not considered to cause pain or injury. a)	ok hotek Anboron	N/A
bree most	Is considered to cause pain, not injury. b)	k notek Anbotet	N/A
Aug	Considered to cause injury. c)	poren Anto stek anbotek	N/A
4.4.5.2	Protection for users	Anborer Anbo	N/A
nbotek	Use of symbol or warning	Anbotek Anbor An	N/A
4.4.5.3	Protection for service persons	abotek Anbote An	N/A
Pu notek	Use of symbol or warning	k hotek Anboten	N/A

0	4.5	Thermal requirements	nbotek	Anbore	bu. Potek	Anboten	Pinbo
pc	4.5.1	General	k hotek	Anbole	And	shody.	P An



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## Report No. 18230SC00100401

otek A	IEC 60950-1	hotek Anbores Ann	rek a
Clause	Requirement + Test	Result - Remark	Verdict
W. rok	abotek Anbo	Arts abotek Ar	100
4.5.2	Temperature tests	Anbor ok An botek	Anbopen
Anbore	Normal load condition per Annex L:	tek Anbore Ans Josek	_
4.5.3	Temperature limits for materials	(see appended table 4.5)	Panbo
4.5.4	Touch temperature limits	(see appended table 4.5)	x P
4.5.5	Resistance to abnormal heat:	Anbotek Anbo	N/A

4.6	Openings in enclosures	No openings	N/A
4.6.1	Top and side openings	k Aupore Aug Totek	N/A
Anbore	Dimensions (mm)	otek Anbores And otek	
4.6.2	Bottoms of fire enclosures	notek Anbotek Anbo	N/A
otek	Construction of the bottomm, dimensions (mm):	int otek Anbotek Anbo	
4.6.3	Doors or covers in fire enclosures	And tek abotek Ant	N/A
4.6.4	Openings in transportable equipment	Aupo ak apotek	N/A
4.6.4.1	Constructional design measures	Aupon ak hotek	N/A
Anboro	Dimensions (mm)	rek Anbore An	
4.6.4.2	Evaluation measures for larger openings	hotek Anbores Anti-	N/A
4.6.4.3	Use of metallized parts	Lotek Anbotet Anbo	N/A
4.6.5	Adhesives for constructional purposes	Ann otek unbotek Anb	N/A
'Up.	Conditioning temperature (°C), time (weeks):	Anti-	

4.7 Anboren	Resistance to fire		Phote
4.7.1	Reducing the risk of ignition and spread of flame	otek onbotek Anbou	Р
otek An	Method 1, selection and application of components wiring and materials	Anbotek Anbotek Anbon	ek P
nbotek	Method 2, application of all of simulated fault condition tests	Ambotek Ambotek Ar	boteN
4.7.2	Conditions for a fire enclosure	And tek anbotek	Aup P
4.7.2.1	Parts requiring a fire enclosure	or Anbo sek abotek	Poore
4.7.2.2	Parts not requiring a fire enclosure	Dotek Anbo, A An	Nanbo
4.7.3	Materials	abotek Anbote An	a⊬ P
4.7.3.1	General	(see appended table 1.5.1)	P
4.7.3.2	Materials for fire enclosures	(see appended table 1.5.1)	P
4.7.3.3	Materials for components and other parts outside fire enclosures	Anbotek Anbotek	N/A
4.7.3.4	Materials for components and other parts inside fire enclosures	(see appended table 1.5.1)	PAnbo
4.7.3.5	Materials for air filter assemblies	No air filter assemblies.	N/A





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tek Aut	IEC 60950-1	botek Anbor An	ek
Clause	Requirement + Test	Result - Remark	Verdic
4.7.3.6	Materials used in high-voltage components	No high-voltage components	N/A
4.7.3.0	Waterials used in high-voltage components	No high-voitage components	PLANA.
5 All bote	ELECTRICAL REQUIREMENTS AND SIMULATED	ABNORMAL CONDITIONS	P
5.1	Touch current and protective conductor current	ok hotek Anbote	Pour
5.1.1	General	(see appended Table 5.1)	Р
5.1.2	Configuration of equipment under test (EUT)	Anbores Anb	N/A
5.1.2.1	Single connection to an a.c. mains supply	anbotek Anbo. Lek	N/A
5.1.2.2	Redundant multiple connections to an a.c. mains supply	Anbotek Anbotek	N/A
5.1.2.3	Simultaneous multiple connections to an a.c. mains supply	orek Anbotek Anbotek	N/A
5.1.3	Test circuit	nb tek anbotek Anbo	N/A
5.1.4	Application of measuring instrument	Annex D	N/A
5.1.5	Test procedure	Anbor All botek	N/A
5.1.6	Test measurements	Anbore K Ant	N/A
Anbore	Supply voltage (V)	tek Anbores Anti-	_
k Aupo	Measured touch current (mA)	(see appended table 5.1.6)	_
otek or	Max. allowed touch current (mA)	(see appended table 5.1.6)	_
otek	Measured protective conductor current (mA):	Annotek Anbotek Anbe	_
'up	Max. allowed protective conductor current (mA):	Andrew Subotek A	_
5.1.7	Equipment with touch current exceeding 3,5 mA	Anto tok shotek	N/A
5.1.7.1	General	lek Yupon ok hotek	N/A
5.1.7.2	Simultaneous multiple connections to the supply	potek Anbout An botek	N/A
5.1.8	Touch currents to telecommunication networks and cable distribution systems and from telecommunication networks	Anbotek Anbotek Anbo	N/A
5.1.8.1	Limitation of the touch current to a telecommunication network or to a cable distribution system	ek Anbotek Anbotek	N/A
nbote	Supply voltage (V)	stek Anbotek Anbot	_
ek - at	Measured touch current (mA)	tek upotek Aupoter	_
rek bu	Max. allowed touch current (mA)	Aupo, W. Spolek Vupos	_
5.1.8.2	Summation of touch currents from telecommunication networks	Anbotek Anbotek An	N/A
abotek	a) EUT with earthed telecommunication ports:	k abotek Anbote	N/A
Anbote	b) EUT whose telecommunication ports have no reference to protective earth	otek Anbotek Anbotek	N/A







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orek An	IEC 60950-1	arek Anbourek	- 121
Clause	Requirement + Test Result - Remark	Noore V	erdict
5.2	Electric strength	Ambotek Ambo	N/A
5.2.1	General	Ando	N/A
5.2.2	Test procedure	Anto	N/A

5.3	Abnormal operating and fault conditions	Anbo,	P
5.3.1	Protection against overload and abnormal operation	(see appended table 5.3)	ore P
5.3.2	Motors	k anbotek Anbot	Potek
5.3.3	Transformers	tek abotek Anbote	N/A
5.3.4	Functional insulation	By short circuit.	P
5.3.5	Electromechanical components	inbote Att. Lotek Anbote	N/A
5.3.6	Audio amplifiers in ITE	Anbore. And	N/A
5.3.7	Simulation of faults	By Short circuit	abot P
5.3.8	Unattended equipment	Anbotek Anbo.	N/A
5.3.9	Compliance criteria for abnormal operating and fault conditions	tek Anbotek Anbotek	Anbot Anbot
5.3.9.1	During the tests	hotek Anbo ek botel	Pan
5.3.9.2	After the tests	potek Anbor An	rek P

6 anbotek	CONNECTION TO TELECOMMUNICATION NETWORKS	N/A
6.1 Anbotel	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment	N/A
6.1.1	Protection from hazardous voltages	N/A
6.1.2	Separation of the telecommunication network from earth	<sup>™</sup> N/A
6.1.2.1	Requirements	N/A
hotek	Supply voltage (V)	
Ar. notek	Current in the test circuit (mA)	
6.1.2.2	Exclusions	N/A

6.2	Protection of equipment users from overvoltages on telecommunication networks	N/A
6.2.1	Separation requirements	N/A
6.2.2	Electric strength test procedure	N/A
6.2.2.1	Impulse test	N/A
6.2.2.2	Steady-state test	N/A
6.2.2.3	Compliance criteria	N/A





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Die. MUS	riek	Anbore	IEC 60950-1	hotek	Anbo.	br.	N N
Clause R	equirement + Test	abote	Aupore	Result - F	Remark	Anbo	Verdict

6.3 And of the last	Protection of the telecommunication wiring syst	em from	overheating	g	N/A
Anboie	Max. output current (A)	notek	Aupole	Ann	_
tek Anb	Current limiting method	notek	Anbotek	Anbo	

7	CONNECTION TO CABLE DISTRIBUTION SYSTEMS	N/A
7.1	General Andorek Andorek Andorek Andorek	N/A
7.2 Anbotek	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment	N/A
7.3	Protection of equipment users from overvoltages on the cable distribution system	N/A
7.4	Insulation between primary circuits and cable distribution systems	N/A
7.4.1	General Management of the Control of	N/A
7.4.2	Voltage surge test	N/A
7.4.3	Impulse test	N/A

Abotek	ANNEX A, TESTS FOR RESISTANCE TO HEAT AND FIRE	N/A
A.1 Anbotek	Flammability test for fire enclosures of movable equipment having a total mass exceeding 18 kg, and of stationary equipment (see 4.7.3.2)	N/A
A.1.1	Samples:	(e)r
ole, Vu	Wall thickness (mm):	bot —
A.1.2	Conditioning of samples; temperature (°C):	N/A
A.1.3	Mounting of samples:	N/A
A.1.4	Test flame (see IEC 60695-11-3)	N/A
- abole	Flame A, B, C or D:	. —
A.1.5	Test procedure	N/A
A.1.6	Compliance criteria	N/A
hote	Sample 1 burning time (s):	- 100
Anboten	Sample 2 burning time (s):	_
Anbotek	Sample 3 burning time (s):	_
A.2 Anbohe	Flammability test for fire enclosures of movable equipment having a total mas not exceeding 18 kg, and for material and components located inside fire enclosures (see 4.7.3.2 and 4.7.3.4)	s N/A





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otek A	IEC 60950-1	hotek Anbores Anb	rek n
Clause	Requirement + Test	Result - Remark	Verdict
Un wek	abotek Anbot	And shotek Ar	(00
A.2.1	Samples, material:	Anbo. ok hotek	—
Anbore	Wall thickness (mm):	tek Anbore An botek	_
A.2.2	Conditioning of samples; temperature (°C):	hotek Anbore Ant otek	N/A
A.2.3	Mounting of samples	notek Anboten And	N/A
A.2.4	Test flame (see IEC 60695-11-4)	Anbotek Anbotek Anbo	N/A
ip.	Flame A, B or C:	And stek Anbotek An	_
A.2.5	Test procedure	Anbo tek nbotek	N/A
A.2.6	Compliance criteria	ek Anbo. A hotek	N/A
Anbor	Sample 1 burning time (s)	hotek Anbors An hotek	_
ek An'	Sample 2 burning time (s)	abotek Anbore And	<u> </u>
otek	Sample 3 burning time (s):	hotek Anbote Ane	_
A.2.7	Alternative test acc. to IEC 60695-11-5, cl. 5 and 9	Anbotek Anbotek Ank	N/A
Ann	Sample 1 burning time (s):	and otek anbotek	×
VUP.	Sample 2 burning time (s)	And tek anbotek	
Pupo.	Sample 3 burning time (s):	onek Anbo sek abotek	_
A.3	Hot flaming oil test (see 4.6.2)	Upotek Vupo. Pak Pote	N/A
A.3.1	Mounting of samples	anbotek Anbote Ane	N/A
A.3.2	Test procedure	abotek Anbote And	N/A
A.3.3	Compliance criterion	otek Anbotes A	N/A

B Anbo	ANNEX B, MOTOR TESTS UNDER ABNORMAL CONDITIONS (see 4.7.2.2 and 5.3.2)			
B.1	General requirements	botek Anbotek Anbo	P	
nie/k	Position	Aug otek vupotek Vupo.		
Aupo	Manufacturer	(see appended table 1.5.1)		
Aupor	Type:	(see appended table 1.5.1)		
Anbore	Rated values:	(see appended table 1.5.1)		
B.2	Test conditions	potek Anbore And otek	Poloc	
B.3	Maximum temperatures	botek Anboten Anto	P	
B.4	Running overload test	Ann otek Anborek Anbo	Р	
B.5	Locked-rotor overload test	Anti-	P	
Aupon	Test duration (days)	Anbou ak motek		
Anbore	Electric strength test: test voltage (V):	k Aupon k Polek		
B.6	Running overload test for d.c. motors in secondary circuits	lotek Anboras Anborek	Panbo	



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	IEC 60950-1		
Clause	Requirement + Test	Result - Remark	Verdict
No.	obotek Anbo	And abotek And	) )
B.6.1	General	Anbo. A. botek	<sub>mb</sub> o'P
3.6.2	Test procedure	lak Anbore An-	Pub.
B.6.3 📈	Alternative test procedure	notek Anbotes And	N/A
B.6.4	Electric strength test; test voltage (V):	notek anbotek Anbo	Р
B.7	Locked-rotor overload test for d.c. motors in secondary circuits	Anbotek Anbotek Anbot	P P
B.7.1	General	anbotek Anbo	abot P
B.7.2	Test procedure	ok upotek Anbour	Pre
B.7.3	Alternative test procedure	sek shorek Anbore	N/A
B.7.4	Electric strength test; test voltage (V):	or Arek Anbotes	P
B.8	Test for motors with capacitors	(see appended table 5.3)	N/A
B.9	Test for three-phase motors	(see appended table 5.3)	N/A
B.10	Test for series motors	Anbotek Anbo	N/A
anboiek	Operating voltage (V):	k nbotek Anbour	
abote	Anbore Antone Anbore	lek obotek Anbore	bu.
C	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3.3	ok hotek Anbotes	N/A
N Dur	Position:	Inboth Amborek Amborek	
olo,	Manufacturer:	Anbores Anso sek Anbo	_
nbotek	Type:	Aupotek Aupo	
upotek	Rated values	Antone Anton	_
abote	Method of protection:	rek abotek Anbote	
C.1 .60	Overload test	lek abotek Anboten	N/A
C.2	Insulation	Mouse Mills Wolfelt Wulpower	N/A
yer p	Protection from displacement of windings:	Vupage, Mun	N/A

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

Eogs.	ANNEX E, TE	MPERATU	RE RISE OF	A WINDING (s	ee 1.4.13)		N/A
anbotek	Anbore	hotek	Anbores	And	anbotek	Anbor	hotek
F hotek	ANNEX F, MI	EASUREME	NT OF CLE	ARANCES ANI	CREEPAG	E DISTANCES	N/A

#### **Shenzhen Anbotek Compliance Laboratory Limited**

(see 2.10 and Annex G)





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otek p	inpotest Aupotek	IEC 6095	0-1 Hotek Anbote	And
Clause	Requirement + Test	anbotek Anbr	Result - Remark	Verdict
"Un	abotek Anbo	v otek	nbote And	abotek Anbo
Gubon	ANNEX G ALTERN	ATIVE METHOD FOR	DETERMINING MINIMUM	N/A

G.nborek	ANNEX G, ALTERNATIVE METHOD FOR DETER CLEARANCES	MINING MINIMUM	N/A
G.1	Clearances	ok botek Anboren	N/A
G.1.1	General	or Andrek Anbotes	N/A
G.1.2	Summary of the procedure for determining minimum clearances	Anborek Anborek Anbore	N/A
G.2	Determination of mains transient voltage (V)	Anbotek Anboten Ant	N/A
G.2.1	AC mains supply:	Am atek Anbotek	N/A
G.2.2	Earthed d.c. mains supplies	And stek upotek	N/A
G.2.3	Unearthed d.c. mains supplies:	otek Anbo ek abotek	N/A
G.2.4	Battery operation:	abotek Anbott An hotel	N/A
G.3	Determination of telecommunication network transient voltage (V):	Anbotek Anbotek Anb	N/A
G.4	Determination of required withstand voltage (V)	Anbo. ok hotek A	N/A
G.4.1	Mains transients and internal repetitive peaks:	Anbore Am	N/A
G.4.2	Transients from telecommunication networks:	rek Anbore And stek	N/A
G.4.3	Combination of transients	Lotek Anboten Anbo	N/A
G.4.4	Transients from cable distribution systems	ho stek supotek Aubor	N/A
G.5	Measurement of transient voltages (V)	Anbo tek abotek Anbo	N/A
Aupo.	a) Transients from a mains supply	Anbor ok hotek Ar	N/A
Vupo,	For an a.c. mains supply	Anbore Andrek	N/A
Anbore	For a d.c. mains supply	ek Anbore And	N/A
k Anbi	b) Transients from a telecommunication network	Potek Aupoten Aupo.	N/A
G.6	Determination of minimum clearances:	tek abotek Anbo	N/A

	D. V. V.		100	The second secon		0.737	
700		010	Ville	101	200	-	, , , , , , ,
PH	ANNEX H	I, IONIZING R	ADIATION	(see 4.3.13)			N/A

J	Anboro	ANNEX J, TABLE OF ELECTROCHEMICAL POTENTIALS (see 2.6.5.6)				
e/F	Anbore	Metal(s) used:	potek Anbote Ant otek	_		

K	ANNEX K, THERMAL CONTROLS (see 1.5.3 and	5.3.8)	N/A
K.1	Making and breaking capacity	Anti-	N/A
K.2	Thermostat reliability; operating voltage (V):	Anbo ok botek	N/A
K.3	Thermostat endurance test; operating voltage (V)	kek anbotek Anbotek	N/A
K.4	Temperature limiter endurance; operating voltage (V):	Inbotek Anbotek Anbote	N/A





potek p	inpotek Autor atek an	odelk IEC	60950-1	notek Anbo	tek Mupo,	rek in
Clause	Requirement + Test	anbotek	Anbore	Result - Remark	Anbe	Verdict
K.5	Thermal cut-out reliability	Anbotek	Anbore	Anbotak	Anbotek A	N/A
K.6	Stability of operation	Anbore	V Fup.	ak Anborek	Anbors	N/A

Fk.	ANNEX L, NORMAL LOAD CONDITIONS FOR SOME TYPES OF ELECTRICAL BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.2)			
b.9	Typewriters	N/A		
L.2	Adding machines and cash registers	N/A		
L.3	Erasers	N/A		
L.4	Pencil sharpeners	N/A		
L.5	Duplicators and copy machines	N/A		
L.6	Motor-operated files	N/A		
L.7	Other business equipment	bottell P		

M subotek	ANNEX M, CRITERIA FOR TELEPHONE RINGING SIGNALS (see 2.3.1)	N/A
M.1	Introduction	N/A
M.2	Method A	N/A
M.3	Method B	N/A
M.3.1	Ringing signal	N/A
M.3.1.1	Frequency (Hz):	_
M.3.1.2	Voltage (V)	
M.3.1.3	Cadence; time (s), voltage (V):	
M.3.1.4	Single fault current (mA):	
M.3.2	Tripping device and monitoring voltage:	N/A
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage	N/A
M.3.2.2	Tripping device	N/A
M.3.2.3	Monitoring voltage (V):	N/A

N And	ANNEX N, IMPULSE TEST GENERATORS (see 1.5.7.2, 1.5.7.3, 2.10.3.9, 6.2.2.1, 7.3.2, 7.4.3 and Clause G.5)					
N.1	ITU-T impulse test generators	VUD	N/A			
N.2	IEC 60065 impulse test generator	PUL	N/A			

Р	Anbo	ANNEX P, NOR	MATIVE REFERENCES	Anbotek	Anbo	habotek	_

1.0	10 111	. 05	- 670		070	16.61	
Q	ANNEX Q, Voltage	ge dependent re	sistors (VI	ORs) (see 1.5.9.1)			N/A



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	IEC 60950-1		
Clause	Requirement + Test	Result - Remark	Verdic
Jo.	abotek Anbo	Arra poter	Anbo
Aupo.	- Preferred climatic categories:	k Aupo, W. Wiek	N/A
Anboye	- Maximum continuous voltage:	otek Anbore And	N/A
anb	- Combination pulse current:	Lotek Anbotes Anb	N/A
ek b	Body of the VDR Test according to IEC60695-11-5	Anbotek Anbotek Anbe	N/A
onbotek	Body of the VDR. Flammability class of material ( min V-1)	Anbotek Anbotek	N/A
abotek	Anbore Anborell Anborell Anborell	ek abotek Anbor	Mr. Pole
₹ Anbo	ANNEX R, EXAMPLES OF REQUIREMENTS FO PROGRAMMES	R QUALITY CONTROL	N/A
V	Minimum separation distances for unpopulated	hotek Anboy An	N./A
₹.1 ×	coated printed boards (see 2.10.6.2)	and stek ambotek Amb	N/A
otek.		Anbotek Anbotek Anb	N/A N/A
otek	coated printed boards (see 2.10.6.2)	Anbotek Anbotek Anb	o. Nok
R.2	coated printed boards (see 2.10.6.2)	IG (see 6.2.2.3)	o. Nok
8.2 8.2	coated printed boards (see 2.10.6.2)  Reduced clearances (see 2.10.3)	IG (see 6.2.2.3)	N/A
R.1 R.2 S.1 S.2	coated printed boards (see 2.10.6.2)  Reduced clearances (see 2.10.3)  ANNEX S, PROCEDURE FOR IMPULSE TESTIN	IG (see 6.2.2.3)	N/A

Lipotek	ANNEX T, GU (see 1.1.2)	JIDANCE ON	PROTECTION	N AGAINST IN	IGRESS OF V	/ATER	N/A
botek	Anboro	Arr. Otek	anbotek	Aupa.	tootek	Aupoic	

Usk.	ANNEX U, INSULATED WINDING WIRES FOR USE WITHOUT INTERLEAVED INSULATION (see 2.10.5.4)				
Aupor	Anborek Anborek Aribo Ar	_			

V	hpor	ANNEX V, AC POWER DISTRIBUTION SYSTEMS (see 1.6.1)					N/A
V.1	Anbor	Introduction	Anbo	ootek	Anbore	Ans	N/A
V.2	An	TN power distribution systems	Anbor	p. hotek	Anboren	And	N/A

W	ANNEX W, SUMMATION OF TOUCH CURRENTS			
W.1	Touch current from electronic circuits	N/A		
W.1.1	Floating circuits	N/A		
W.1.2	Earthed circuits	N/A		
W.2	Interconnection of several equipments	N/A		





Clause	IEC 60950-1	Nek
100	Requirement + Test Result - Remark	Verdic
W.2.1	Isolation	N/A
N.2.2	Common return, isolated from earth	N/A
N.2.3	Common return, connected to protective earth	N/A
X.e.	ANNEX X, MAXIMUM HEATING EFFECT IN TRANSFORMER TESTS (see clause C.1)	27
<b>K.1</b>	Determination of maximum input current	N/A
<b>(.2</b> )	Overload test procedure	N/A
VI. Potek	Anboren Anborek Anborek Anborek Anboren	pr-
1 50	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONING TEST (see 4.3.13.3)	N/A
Y.1	Test apparatus:	N/A
Y.2	Mounting of test samples:	N/A
7.3	Carbon-arc light-exposure apparatus:	N/A
Y.4	Xenon-arc light exposure apparatus:	N/A
notek.	Amborish J Amborish Amborish Amborish	ja.
- NOT	ANNEX Z, OVERVOLTAGE CATEGORIES (see 2.10.3.2 and Clause G.2)	N/A
Pupp	tek abotek Amont k botek Ambotek kont tek abotek	Plus
AA	ANNEX AA, MANDREL TEST (see 2.10.5.8)	N/A
otel	And the state of t	notek.
ВВ	poter and color and a set poter as	
71,	ANNEX BB, CHANGES IN THE SECOND EDITION	_
"hotek	Anbores Anbores Anbores Anbores Anbores Anbores	
CC	ANNEX CC, Evaluation of integrated circuit (IC) current limiters	N/A
CC CC.1	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General	N/A
CC.1 CC.2	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A
CC.1 CC.2 CC.3	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A
CC.1 CC.2 CC.3 CC.4	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A N/A
CC.1 CC.2 CC.3 CC.4	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A N/A
CC.1 CC.2 CC.3 CC.4 CC.5	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A N/A N/A
CC CC.1 CC.2 CC.3 CC.4 CC.5	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A N/A N/A
CC CC.1 CC.2 CC.3 CC.4 CC.5	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A N/A N/A
CC DC.1 DC.2 DC.3 DC.4 DC.5 DD DD.1 DD.2	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A N/A N/A N/A N/A N/A
CC CC.1 CC.2 CC.3 CC.4 CC.5 DD	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A N/A N/A
CC CC.1 CC.2 CC.3 CC.4 CC.5 CDD	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A
"hotek	ANNEX CC, Evaluation of integrated circuit (IC) current limiters  General  Test program 1	N/A



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otek Ar	IEC 60950-1	botek Anboten Anti-	ek "
Clause	Requirement + Test	Result - Remark	Verdict
in ak	abotek Anbo	An abotek An	DO
EE.2	Markings and instructions	Aupor Ar. Mosek	N/A
Anbore	Use of markings or symbols	Anbore Am	N/A
Anbot	Information of user instructions, maintenance and/or servicing instructions:	sciek Anbotek Anbotek	N/A
EE.3	Inadvertent reactivation test	Albore Anbor	N/A
EE.4	Disconnection of power to hazardous moving parts:	Anbotel And stek and	N/A
anbotek	Use of markings or symbols	anbotek Anbo sek	N/A
EE.5	Protection against hazardous moving parts	k vupotek Aupo,	N/A
aboti	Test with test finger (Figure 2A)	ek abotek Anbote	N/A
h. bu	Test with wedge probe (Figure EE1 and EE2):	k wotek Ambole	N/A



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e¥.	Anbotek	Anbas	anbotek	IEC 60950-1	notek Anbotek	Anba	Anborr
_0	Clause	Requirement + Tes	st anborek	Anboro	Result - Remark	Anbo	Verdict

1.5.1 T	ABLE: List of critica	I components	An rek subot	an Anbo	, noteP
Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity <sup>1</sup> )
Enclosure (plastic)	LG CHEM LTD	LUPOY GN-5007F(#)	V-0, 90°C, min. thickness 2.0mm	UL 94	UL E67171
Alternative	LG Chem (Guangzhou) Engineering Plastics Co Ltd	LUPOY GN5001RF(T)	V-0, 80°C, min. thickness 2.0mm	UL 94	UL E248280
PCB material	GUANGDONG KINGSHINE ELECTRONIC TECHNOLOGY CO LTD	DS1, ML1	V-0 ,130℃	UL 796	UL E358874
Alternative	Interchangeable	Interchangeab le	V-0 ,130℃	UL 796	UL E358874
Lead Wire	Interchangeable	Interchangeab le	22AWG, 150℃, 3000V	UL 758	UL <sup>A</sup>
Speaker	DONG GUAN CITY SHENG QUN ELAC. TECH. CO.,LTD	SQW20XJ04- 001	1W, 4±15% ohm	IEC 60950-1	Test with appliance
Motor	SHENZHEN HONGZHIFA MACHINERY & ELECTRONICS CO.;LTD	HZF- 24BYJ48- 098	5V, 20 Ω	IEC 60950-1	Test with appliance
Adapter	Shenzhen TEKA Technology Co., Ltd	TEKA- UCA20BS	INPUT:100- 240V~,50/60Hz, 0.35A max. OUTPUT:5.0V DC,2.0A	IEC/EN 62368- 1	Test with appliance (REPORT:5037 5739 001)

#### **Supplementary information:**

1.5.1	TABLE: Opto Electronic Devices	N/A
Manufactu	r hotek ndotek Arbo Ak botek	Anbore
		anbot
Туре	er Anbo Lok Anbor Anbor Anborer Anborer	
		bil.
Separately	ested:	J.
Bridging in	ulation:	otek
External c	epage distance:	atek.
		Tupo.
Internal cr	page distance:	Anbore



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



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Aupo.	A. stek	upote.	IEC 60950-1	notek	Anbo.	M. Wek	vapot,
Clause	Requirement + Test	nbotek	Anbore	Result	- Remark	Anbu	Verdict
otek Ar							rek h.
You							0,
Distance thr	ough insulation	p.17?					polen
hotek							" sek
Tested unde	er the following condition	ons:	abotek	Anbore P	int totek	Anbotek	Ambo.
Input	i otek	upo.	Air	Anbote.	Ann	botek	Aupo.
Output	s bus	Mopolek .	Anbo	anbotek	Anbore	VII.	Ank
supplement	ary information						
	-0.5	.9.0	V	0.7		- AU	

1.6.2	TABLE: E	lectrical dat	a (in norm	al conditions	s) rek	unbore An Breek
U (V)	I (A)	Irated (A)	P (W)	Fuse #	Ifuse (A)	Condition/status
Powered by	adapter:	rek	abotek	Anbore	All	Anboten Anbo tek
90V/50Hz	0.088	100, - h	4.09	Anbore	Ann	Normal operation
90V/60Hz	0.092	Aupore /	4.13	Arbotek	Vupo	ak abotek Anbote
100 V /50Hz	0.080	0.35	4.02	ek nbot	ak Anbi	ak hotek Anbotek
100 V /60Hz	0.085	0.35	4.05	- No.	ovek b	nbotek Anbotek
240 V /50Hz	0.049	0.35	4.05	00, by	2010k	Ambotek Anbo
240 V /60Hz	0.050	0.35	4.25	Pupote	Zu.	Anbotek Anbo. Lek
264 V /50Hz	0.046	100. K	4.13	Anbole	Aug - sek	Anborek Anbor Al
264 V /60Hz	0.047	Pupora-	4.03	Anborek	PUDDO	ak abotek Anbote
Powered by	DC source	: Anbores	AUG	ok anbott	Anbo Anbo	ok hotek Anbores
5Vdc	0.659	2 botek	3.295	- No.	otek br	Normal operation
Supplementa	ary informa	ation:	ek buk	7 P.O.	Lorek	Anbores Anbo

2.1.1.5 c) 1)	TABLE: ma	ax. V, A, VA test	Anboren	Anbotek	Anborek	anbore abor	N/A
Voltage (\	(rated) /)	Current (rated) (A)	Voltage (max.) (V)	Current (ma	ax.)	VA (max (VA)	.)
abotek -	- Anboter	And rek	Anbotek Anbo	Par.	jotek	Aupote,	Ann
supplementa	ary information	on:					
Pur	ek nbc	tek Aupo	hotek	Aupole. b	YU.	abotek	Aupo

2.1. 2)	1.5 c)	TABLE: sto	ored energy	Anbotek	Anbotek	Anbotek	Anborek	N/A
С	apacitan	ce C (µF)	V	oltage U (V	)		Energy E (J	)
P/C	Po.	-bolek	Anbore	Pur.	itek anb	otek Anbo	de Nor	otek Anbore
	Aupo	yk "po,	lek Aupot	- Ans	-otek	aborek Anb	or bu	sbotek Anbore



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Anboier	Anb	anbotek	IEC 60950-1	notek Anbotes	Anb	nbott
Clause	Requirement + Test	t subotek	Auport A	Result - Remark	Anbo	Verdict

supplementary information:

2.2 TABLE: evaluation of voltage limiting	g components in SELV circuits				
Component (measured between)	max. vol	Itage (V) operation)	Voltage Limiting Componer		
	V peak	V d.c.			
stek obotek Anbotek	Molek	Allooten	- And	abotek	
Anbotek Anbotek Anbotek	All Motek	Anbo	Pupo.	anbotek	
Fault test performed on voltage limiting components	Vol		ured (V) in SELV circu peak or V d.c.)	uits	
-ok botek Anbore An	ofer A	upo eak	botek Anbore	bu.	
supplementary information:			2 2 2 2		
upo, bu otek aupoten Yun.	abotek	Aupor	Ar. Otek	upoter	

2.5 TABL	E: Limited po	wer sources	Joseph Ariba	tek abot	ek Auport	N/A
Components	Test condition	Uoc (V)	I <sub>sc</sub>	(A)	V	'A
	(Single fault)		Meas.	Limit	Meas.	Limit
pote And	y - nbotek	+upo.	- notek	Anhore	Vun.	nbotek

2.10.2	Table: working vo	oltage measurement	VI	N/A
Location		RMS voltage (V)	Peak voltage (V)	Comments
ek ek	Jotek Anbore	Mar arek - anbo	lek Pupo.	abotek -Anbote An
Pro-	botek Anbotes	And stek	potek Anbox	k hotek - Anbore
ov.	Potek Vupote	Anb tek	Anbotek Anbot	ok hotek - Anbotes
supplemen	tary information:			



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3.W	Anbotek	Anbo. tek	Anborek	IEC 60950-1	hotek Anbotek	Aupa	Anbott
,0	Clause	Requirement + Test	nbotek	Anbore	Result - Remark	Anbo	Verdict

2.10.3 and 2.10.4 TABLE: Clearand	e and cree	page distar	nce measurem	ents		N/A
Clearance (cl) and creepage distance (cr) at/of/between:	U peak (V)	U r.m.s. (V)	Required cl (mm)	cl (mm)	Required cr (mm)	cr (mm)
Functional:	Aupolen	Anba	k abotek	Anbor	r 20,	anbo
K. Anbores And	andotek	Pupp.	W. Mote	k Aup	- Aug	dek -
Basic/supplementary:	4 00°	ek Anbr	Die Bur	otek o	inbotek Ant	20. N
tek vupotek Aupon	- Pro-	otek A	Pup	ate <del>ll</del>	Anbotek	rupo.
Supplementary information:	P.L.	-otek	anbotek p	'up	abotek	Aupore

2.10.5	TABLE: Distance through insulation	n measu	rements	anbotek	Aupo	N/A
Distance the	ough insulation (DTI) at/of:	U peak (V)	U rms (V)	Test volt- age (V)	Required DTI (mm)	DTI (mm)
tek	Anbotek Anbe	ALPOTO	- bu-	-otel-	Anboren I	inpo -ak
, rek	upotek Anbo, k motek	- Anbor	P	Tek.	nbarek	Pupo.
Supplement	tary information:	ak an	potek	Aupo	potek	Anbore



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				IEC 60950	-1				
Clause	Requirem	ent + Test	nbotek	Auport	K Bu	Result - Re	mark	Aupo	Verdic
40.	potek	Aupo	otek	Mpor	D.	-ok	botek	Aupo	1
4.3.8	TABLE:	Batteries	AUD	, d	otek	Aupo,	bu.	ek ant	N/A
The tests of data is not a		applicable	only when ap	propriate b	attery				N/A
Is it possible	e to install	the battery	in a reverse p	oolarity pos	sition?	re bu	otek	Anborer	N/A
Vien	Non-re	chargeable	e batteries		İ	Rechargeat	ole batterie	es	
K Aupo	Discha	arging	Un- intentional	Cha	rging	Discha	arging	Reve char	
opotek A	Meas. current	Manuf. Specs.	charging	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.
Max. current during normal condition	Anbore.	otek Ant	otek Anbr Anbotek A	Pupotek Potek	Anbotek Anbot	Anbore Anbore	hotek	nbotek Anbotek	Anbotek Anbo
Max. current during fault condition	Anbotek Anbotek	Anbotek Anbote	Anbotek  Anbotek  Anbotek  Anbo	ek Pr	lootek potek	Anbotek Anbotek	Anbore. Anbore	Hek Anbo	lek botek nobotek
Anboten	Anbo	-ok	-borek Ar	porc	Direction	k anbo	Jek D	'upo	400
Test results	k bup	O. 1	hotek	Anbore	PULP	-tek	poiek	Vupo.	Verdic
- Chemical	leaks	nbore	Am	Anboyek	Ani	o. ok	bojek	Anboidi	N/A
- Explosion	of the batt	ery	Andre	nbo	iek	'upo.	Pur Potek	Anbo	N/A
- Emission	of flame or	expulsion	of molten met	al	botek	Aupoles	Puga	jek ve	N/A
- Electric st	0.000		180	P.C	W	- ofek	04/20	, par	N/A

Supplementary information:



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eK	Anbotek	Anbor	anborek	IEC 60950-1	hotek Anbotek	Anbor	V. Pote
~0	Clause	Requirement + Tes	nbotek	Anbore A	Result - Remark	Anbo	Verdict

4.3.8	TABLE: Batteries	tek upotek Anbou A AN N	Α
Battery ca	ategory:	see table 1.5.1	rek
Manufact	urer:	see table 1.5.1	
Type / mo	odel::	see table 1.5.1	
Capacity.	boy William Poles.	see table 1.5.1	
Tested ar	nd Certified by (incl. Ref. No.):	see table 1.5.1	
Circuit pro	otection diagram:		

MARKINGS AND INSTRUCTIONS (1.7.13)	Aribotek Anbotek Anbotek
Location of replaceable battery	cotes, Aug tek apotek Wupo, W Pote
Language(s):	insofer Anbore Anbore An
Close to the battery	- nbotek Anbotek Anbotek Anbotek
In the servicing instructions	botek Anbore An Lotek Anborek
In the operating instructions	- hotek Anbotel And otek Anbotek



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j.k	Anboten	Anto	anbotek	IEC 60950-1	hotek Anbotek	Anb	, anboth
Cla	use	Requirement + Test	abotek	Anbore P	Result - Remark	Anbo	Verdict

4.5	TABLE: Thermal requ	irements	ak par	hore	K	Ant	00,0	bus	are)	4	o <sup>tek</sup> P
Aupolek	Supply voltage (V)	La Cif		5\	'dc		Anbotek	- bu	90	rek	_
Anborek	Ambient T <sub>min</sub> (°C)	sk An	: 24	1.8	horek	è	Piepo		VUL	-tet	_
Anbore	Ambient T <sub>max</sub> (°C)		- 0	5.3	40.0	)./c	D.T	100/er	Ş	'up.	
Maximum	measured temperature T	of part/at.	:				T (°C	C)			Allowe d T <sub>max</sub> (°C)
PCB near input terminal				7.8	42.5	5	abotek	Prisz.	00,0	- bu	130
PCB near U2				9.7	54.4	4	, 100°	ek	Aupo	. <u>-</u>	130
PCB near	U4 Anboret Anbo	rek.	4	5.0	59.7	7	bu.	Yato	9.	hoten	130
Internal w	rire And	, o.	33	3.5	48.2	2	- PLU	otek-		Anbotek	80
Plastic en	closure inside	'upo,	3	1.2	45.9	9		bu <sub>D</sub>	K.	hote	60
Plastic en	closure outside	Anbore	43	3.6	58.3	3	otek	Aupo.	. No.	- N	95
Button su	rface	Anbote	29	9.3	44.0	)	abotek	100	0,	- Pu-	95
Ambient	Anbore And orel	4 May	2	5.3	40.0	)	- 100KG	- A	7UPO		Alle Alek
Supplem	entary information:	rek.	nbotek	P <sub>1</sub>	100,	14	bu.	otek	AC	poter	And
Temperat	ure T of winding:	t <sub>1</sub> (°C)	R <sub>1</sub> (Ω)	t <sub>2</sub>	(°C)	R	2 (Ω)	T (°C)		Allowed max (°C)	Insulatio n class
ak A	upote An wolek	anbotek	Pupo	-ak		400	No.	Pupose		Pu.	otek
notek	Anboten Anto	hobotel	bo	00,	do.	74.	notek	-Anb	oles.	- Vur	-tek
Suppleme	entary information:	100	tek	anbo'		54		K.	tode	S. B	upo

4.5.5	TABLE: Ball pressure test of thermoplastic parts		Anbore	N/A
rk bu	Allowed impression diameter (mm)	≤ 2 mm	Anboten	_
Part		Test temperature (°C)	Impression di (mm)	ameter
botek	Anbore And Mek Anborek Anbo	Protok Mul	Ole Vius	otek
Pro Polek	Anborek Anborek Anbore	Ar. Olek	inpoter _ Ar	in-
Supplement	tary information:	Anna	anbotek	Vupo.

4.7	TABLE:	Resistance to fire	tek shotek A	upo, b	hotek p	N/A M
i	Part	Manufacturer of material	Type of material	Thickness (mm)	Flammability class	Evidence
abotek	Aupore	- All Potek	And And	- botek	bapo,	- An wotek
Supplem	entary inforr	nation: See table 1.5.	Anbotek Anbo	ok bo	ek Anbore	Ann



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N <sub>S</sub>	Anbotek	Anbartek	Anbotek	IEC 60950-1	hotek Anbotek	Anba	Anbott
,0	Clause	Requirement + Test	nbotek	Anboro A	Result - Remark	Anbo	Verdict

5.1	TABLE: touch curr	ent measurement	Anborek	Aupore Aug	jotek Anbotel	N/A
Measure	ed between:	Measured (mA)	Limit (mA)	Comments/condi	tions	
anbo	And And	abotek Aupon	- William	Anboten	Ann	- nbot
<u>y-</u>	upotek Anbo	nbotek Ant	Pun Pun	ofek Anbotek	Aupo	- Ki
suppleme	entary information:					
,eK	abotek Anbor	Ar.	anboten	iup.	otek Anbor	V

5.2	TABLE: Electric strength tests, impulse tests an	d voltage surge t	ests	N/A
Test voltag	e applied between:	Voltage shape (AC, DC, impulse, surge)	Test voltage (V)	Breakdo wn Yes / No
10. k	hotek Anbote And tek Anbotek	Anbo.	hotek Ant	O
ve <sub>pour</sub>	And tek andotek And tek abotek	Anbor A	-otek	nboter
Supplemen	ary information:	Anbores	And	abotek

5.3 Milbo	TABLE: Fault con	ndition tes	ts And			Anbo. Anbrek Panbr			
tek Anb	Ambient temperat	ure (°C)	Sr. VI	See b	See below —				
ipotek b	Power source for EUT: Manufacturer, model/type, output rating								
Component No.	Fault	Supply voltage (V)	Test time	Fuse #	Fuse current (A)	Observation			
U4 pin 2-4	S-C	5Vdc	10mins	otek-	Anbotek Anbotek	After SC, unit shut down immediately. No damaged, no hazards.			
C1 Ar	S-C Amor	5Vdc	10mins	Anbotek Anbotek	k Aupon	After SC, unit shut down immediately. No damaged, no hazards.			
D1, nbotek	S-C	5Vdc	10mins	k Ant	otek nbotek	After SC, unit shut down immediately. No damaged, no hazards.			
R2 Mari	S-C	5Vdc	10mins	inbotes.	Anbote Anbote	After SC, unit shut down immediately. No damaged, no hazards.			
R5	S-C Ant	5Vdc	10mins	Anbore	otek Anb	After SC, unit shut down immediately. No damaged, no hazards.			

**Shenzhen Anbotek Compliance Laboratory Limited** 

Hotline 400-003-0500 www.anbotek.com



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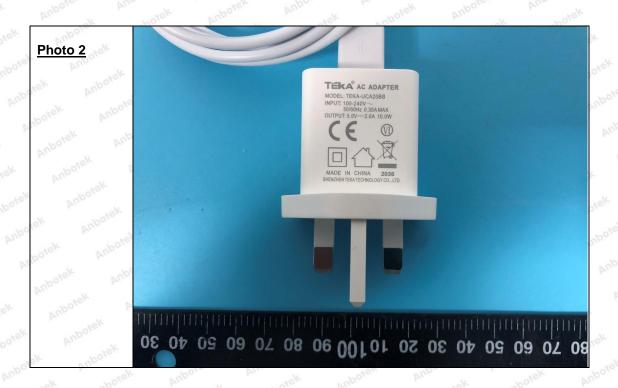
			IEC 6	0950-1		
Clause	Requirement + Te	est	ak Anb	Result - Remark Verdic		
No.	botek Anbox		otek i	nbore	DUL	ek sporek Anbo
Speaker	Anbotek S-C Anbot	5Vdc	10mins	Aupotek Aupotek	. Aul	After SC, unit shut down immediately. No damaged, no hazards.
Motor	Locked	5Vdc	10mins	rek Anbo	ibotek	After SC, unit shut down immediately. No damaged, no hazards.

1) S-C: short-circuited; O-C: open-circuited O-L: overloaded;



Attachment: Photo







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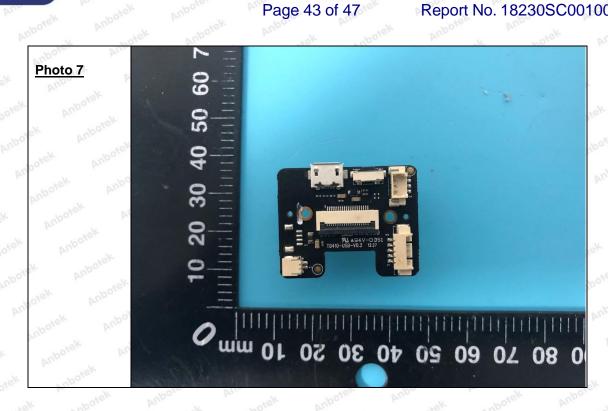


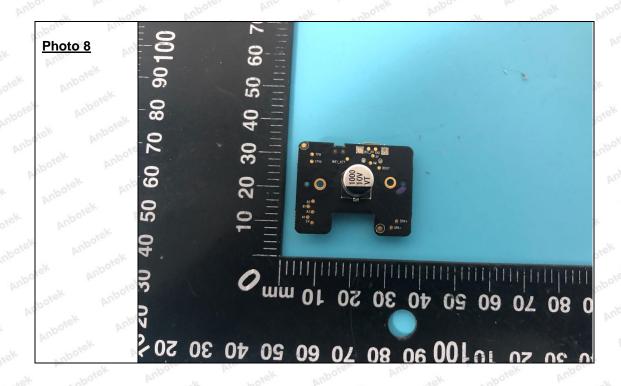










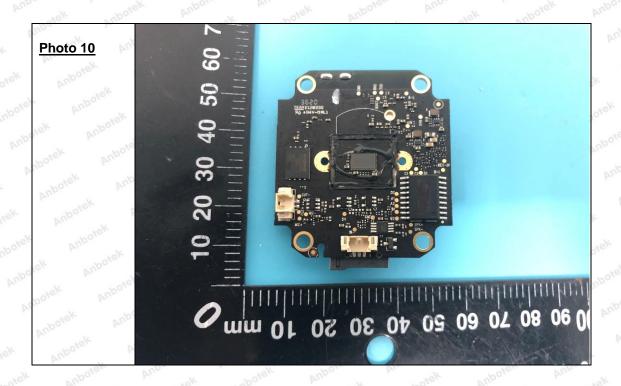






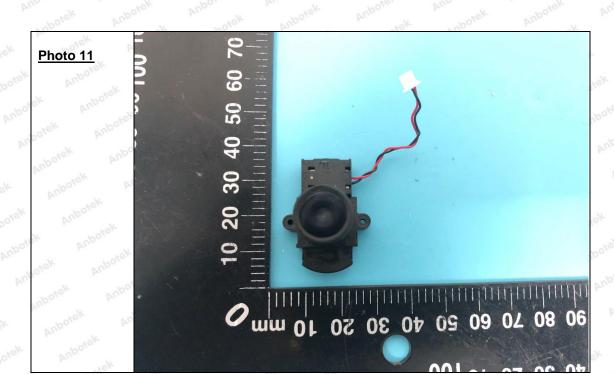




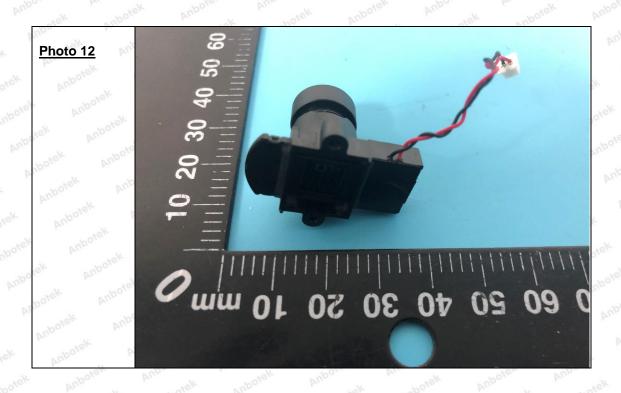








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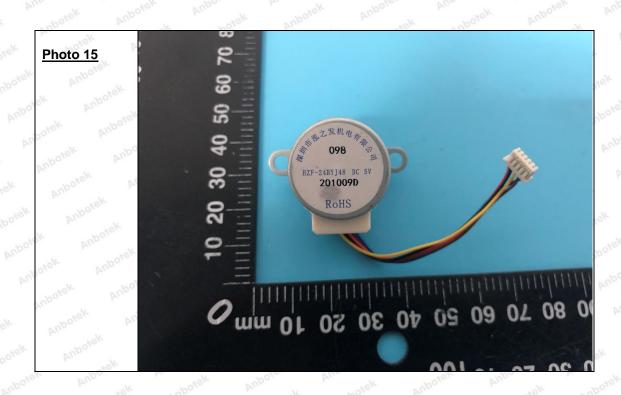
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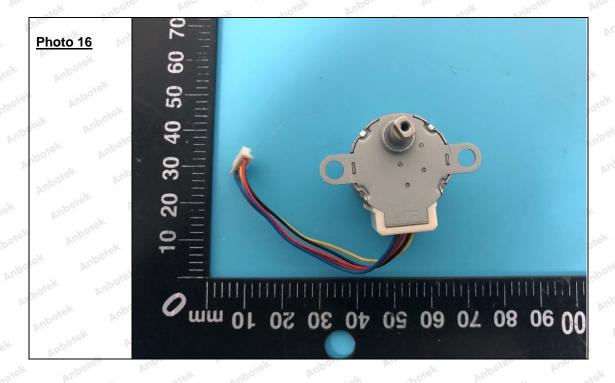












---End of the report---