

REPORT

Prepared For:

Summit Data Communications, Inc.
Akron, OH USA

Equipment: Mini-Compact Flash Module
Model No: SDC-MCF10G



Prepared By:

Elliott Laboratories

an NTS Company

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Project Number: R87119

Job Number: J86681

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REVISION SUMMARY

The following is a list of revisions that have been made to the report.

Document History				
<i>Revision</i>	<i>Issue Date</i>	<i>Affected Pages</i>	<i>Description Of Modifications</i>	<i>Revised By</i>
	April 10, 2012		Initial Release	

NOTE: Latest revisions to report are identified by Bold Double Underlined Font.

REPORT SUMMARY

PREPARED FOR
Summit Data Communications, Inc.
Akron, OH
USA

STANDARD	TITLE
EN60950-1: 2006 +A11:2009 & A1:2010	Information Technology Equipment – Safety – Part 1: General Requirements

Job Number: J86681

Date of Issue: April 10, 2012

Report Number: R87119

Revision Date: N/A

TESTING LABORATORY'S INFORMATION


TEST LOCATION INFORMATION

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Phone: 510-578-3500
Fax: 510-578-3510

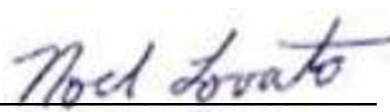
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38995 Cherry Street
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Equipment: Mini-Compact Flash Module
Model Name: SDC-MCF10G

EUT: Summit Data Communications, Inc. SDC-MCF10G

Overview

The Summit Data Communications, Inc. SDC-MCF10G is a 802.11g Mini-Compact Flash Module with Dual U.FL Connectors.

Model Similarities and Differences

NA

Ratings:

Model	Electrical Ratings:			Dimensions: (L x W x H cm)	Equipment Mobility:
	Volts	Amps	Hz		
SDC-MCF10G	3.3	NA	NA	5.5 x 4.3 x 0.4	For building in

Operating Condition:	Protection Class:	Enclosure Protection Rating:	External Power Supply Electrical Ratings:		
			Volts	Amps	Hz
Continuous	III	IPX0	NA	NA	NA

GENERAL INFORMATION REGARDING THE REPORT FORMAT

Non-compliance: A summary of non-compliances identified in this report is located in the Findings Summary section of this report.

Resolution of Non-compliance: All resolutions to the non-compliances listed in this report are to be addressed by the manufacturer and included as part of the technical file maintained for this product.

CONCLUSION

The purpose of this report is to demonstrate compliance with accepted standards for product safety and as proof of compliance to the EU's Low Voltage Directive. Subsequent pages give the details of this investigation.

This report is based on the following standards: EN 60950-1:2006. The wording of the requirements listed in this test report are provided for reference and informational purposes only and should not be considered a precise transcription of the standard as adopted by CENELEC. In case of doubt, reference should be made to the aforementioned standard.

FINDINGS SUMMARY

The Findings Summary is a summary of the discrepancies and non-compliances to the aforementioned standard(s). The requirement and its section number corresponding to the standard are given for each item. The Observations include a brief description of why we believe the product is not in compliance as well as recommendations on how to rectify the issue(s).


<u>Item No.</u>	<u>Section</u>	<u>Requirements & Observations</u>
1.		

EVALUATION CHECKLIST



Test Report issued under the responsibility of:

Elliott Laboratories

<p>TEST REPORT</p> <p>IEC 60950-1</p> <p>Information technology equipment – Safety –</p> <p>Part 1: General requirements</p>	
Report Number	R87119
Date of issue	April 10, 2012
Total number of pages	63
CE Testing Laboratory	Elliott Laboratories an NTS Company
Address	38995 Cherry Street, Newark, CA 94560
Applicant's name	Summit Data Communications, Inc.
Address	526 South Main Street Suite 411, Akron, OH 44311
Manufacturer's name	Summit Data Communications, Inc.
Address	526 South Main Street Suite 411, Akron, OH 44311
Test specification:	
Standard	IEC 60950-1:2005 (2nd Edition); Am 1:2009
Test procedure	CE Scheme
Non-standard test method	N/A
Test Report Form No.	IEC60950_1B
Test Report Form(s) Originator	SGS Fimko Ltd
Master TRF	Dated 2010-04
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Test item description	Mini-Compact Flash Module with Dual U.FL
Trade Mark	
Manufacturer	Summit Data
Model/Type reference	SDC-MCF10G
Ratings	3.3VDC

Testing procedure and testing location:		
<input checked="" type="checkbox"/>	CE Testing Laboratory:	NTS Silicon Valley
Testing location/ address..... :		38995 Cherry Street Newark, CA 94560
<input type="checkbox"/>	Associated CB Laboratory:	
Testing location/ address..... :		
Tested by (name + signature)		
Approved by (name + signature)..... :		
<input type="checkbox"/>	Testing procedure: TMP	
Testing location/ address..... :		
Tested by (name + signature)		
Approved by (name + signature)..... :		
<input type="checkbox"/>	Testing procedure: WMT	
Testing location/ address..... :		
Tested by (name + signature)		
Witnessed by (name + signature)		
Approved by (name + signature)..... :		
<input type="checkbox"/>	Testing procedure: SMT	
Testing location/ address..... :		
Tested by (name + signature)		
Approved by (name + signature)..... :		
Supervised by (name + signature)		
<input type="checkbox"/>	Testing procedure: RMT	
Testing location/ address..... :		
Tested by (name + signature)		
Approved by (name + signature)..... :		
Supervised by (name + signature)		

List of Attachments (including a total number of pages in each attachment):

NA

Summary of testing:

Tests performed (name of test and test clause):	Testing location:
1.7.10 Durability 4.5 Heating	NTS Silicon Valley 38995 Cherry Street Newark CA 94560

EUT: Summit Data Communications, Inc. SDC-MCF10G

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.

(Additional requirements for markings. See 1.7 NOTE)



Test item particulars	
Equipment mobility	<input type="checkbox"/> movable <input type="checkbox"/> hand-held <input type="checkbox"/> transportable <input type="checkbox"/> stationary <input checked="" type="checkbox"/> for building-in <input type="checkbox"/> direct plug-in
Connection to the mains	<input type="checkbox"/> pluggable equipment <input type="checkbox"/> type A <input type="checkbox"/> type B <input type="checkbox"/> permanent connection <input type="checkbox"/> detachable power supply cord <input type="checkbox"/> non-detachable power supply cord <input checked="" type="checkbox"/> not directly connected to the mains
Operating condition	<input checked="" type="checkbox"/> continuous <input type="checkbox"/> rated operating / resting time:
Access location	<input type="checkbox"/> operator accessible <input checked="" type="checkbox"/> restricted access location
Over voltage category (OVC)	<input type="checkbox"/> OVC I <input type="checkbox"/> OVC II <input type="checkbox"/> OVC III <input type="checkbox"/> OVC IV <input checked="" type="checkbox"/> other:
Mains supply tolerance (%) or absolute mains supply values	N/A
Tested for IT power systems	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
IT testing, phase-phase voltage (V)	N/A
Class of equipment	<input type="checkbox"/> Class I <input type="checkbox"/> Class II <input checked="" type="checkbox"/> Class III <input type="checkbox"/> Not classified
Considered current rating of protective device as part of the building installation (A)	N/A
Pollution degree (PD)	<input type="checkbox"/> PD 1 <input checked="" type="checkbox"/> PD 2 <input type="checkbox"/> PD 3
IP protection class	IPX0
Altitude during operation (m)	0-2000
Altitude of test laboratory (m)	10
Mass of equipment (kg)	<0.05

EUT: Summit Data Communications, Inc. SDC-MCF10G

Possible test case verdicts:			
- test case does not apply to the test object	NA (or N)		
- test object does meet the requirement	P (Pass)		
- test object does not meet the requirement	F (Fail)		
Testing			
Date of receipt of test item	3/06/2012		
Date(s) of performance of tests	3/14/2012		
General remarks:			
<p>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 testing laboratory. "(see Enclosure #)" refers to additional information appended to the report. "(see appended table)" refers to a table appended to the report.</p> <p>Throughout this report a <input type="checkbox"/> comma / <input checked="" type="checkbox"/> point is used as the decimal separator.</p>			
Manufacturer's Declaration per sub-clause 6.2.5 of IEC 60335-1:			
The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the samples submitted for evaluation are representative of the products from each factory has been provided	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable		
When differences exist; they shall be identified in the General product information section.			
Name and address of factory (ies).....:	526 South Main Street Suite 411, Akron, OH 44311		
General product information:			
The Summit Data Communications, Inc. SDC-MCF10G is a 802.11g Mini-Compact Flash Module with Dual U.FL Connectors.			
Abbreviations used in the report:			
- normal conditions	NC	- single fault conditions	SFC
- functional insulation	OP	- basic insulation	BI
- double insulation	DI	- supplementary insulation	SI
- between parts of opposite polarity	BOP	- reinforced insulation	RI
Indicate used abbreviations (if any)			

EUT: Summit Data Communications, Inc. SDC-MCF10G

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
1	GENERAL		P
1.5	Components		P
1.5.1	General		P
	Comply with IEC60950-1 or relevant component standard	(see appended tables 1.5.1)	P
1.5.2	Evaluation and testing of components	Critical components are certified to their applicable standard	P
1.5.3	Thermal controls	None used	NA
1.5.4	Transformers		NA
1.5.5	Interconnecting cables		NA
1.5.6	Capacitors bridging insulation	Not used	NA
1.5.7	Resistors bridging insulation		NA
1.5.7.1	Resistors bridging functional, basic or supplementary insulation		NA
1.5.7.2	Resistors bridging double or reinforced insulation between AC mains and other circuits		NA
1.5.7.3	Resistors bridging double or reinforced insulation between AC mains and antenna or coaxial cable		NA
1.5.8	Components in equipment for IT power systems	Not for IT power systems	NA
1.5.9	Surge suppressors	Not used	NA
1.5.9.1	General		NA
1.5.9.2	Protection of VDRs		NA
1.5.9.3	Bridging of functional insulation by a VDR		NA
1.5.9.4	Bridging of basic insulation by a VDR		NA
1.5.9.5	Bridging of supplementary, double or reinforced insulation by a VDR		NA
1.6	Power interface		NA
1.6.1	AC power distribution systems	Not AC powered	NA
1.6.2	Input current		NA
1.6.3	Voltage limit of hand-held equipment		NA
1.6.4	Neutral conductor		NA
1.7	Marking and instructions		P
1.7.1	Power rating and identification markings	DC powered	NA
1.7.1.1	Power rating marking		NA

EUT: Summit Data Communications, Inc. SDC-MCF10G

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Multiple mains supply connections.....:	Not AC powered	NA
	Rated voltages or voltage ranges (V)		NA
	Symbol for nature of supply, for DC only		NA
	Rated frequency or rated frequency range (Hz) ...:		NA
	Rated current (mA or A)		NA
1.7.1.2	Identification markings		P
	Manufacturer's name or trade-mark or identification mark:	Summit Data	P
	Model identification or type reference	SDC-MCF10G	P
	Symbol for Class II equipment only		NA
	Other markings and symbols		NA
1.7.2	Safety instructions and marking		NA
1.7.2.1	General		NA
1.7.2.2	Disconnect devices		NA
1.7.2.3	Overcurrent protective device		NA
1.7.2.4	IT power distribution systems		NA
1.7.2.5	Operator access with a tool		NA
1.2.7.6	Ozone		NA
1.7.3	Short duty cycles	Not for short duty cycles	NA
1.7.4	Supply voltage adjustment		NA
	Methods and means of adjustment; reference to installation instructions		NA
1.7.5	Power outlets on the equipment	None provided	NA
1.7.6	Fuse identification (marking, special fusing characteristics, cross-reference)		NA
1.7.7	Wiring terminals	None used	NA
1.7.7.1	Protective earthing and bonding terminals		NA
1.7.7.2	Terminals for AC mains supply conductors	Not AC powered	NA
1.7.7.3	Terminals for DC mains supply conductors	Not DC Mains powered	NA
1.7.8	Controls and indicators	None that affect safety	NA
1.7.8.1	Identification, location and marking		NA
1.7.8.2	Colours		NA
1.7.8.3	Symbols according to IEC 60417		NA
1.7.8.4	Markings using figures		NA
1.7.9	Isolation of multiple power sources	Single power source	NA

EUT: Summit Data Communications, Inc. SDC-MCF10G

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
1.7.10	Thermostats and other regulating devices	None used	NA
1.7.11	Durability		P
1.7.12	Removable parts		P
1.7.13	Replaceable batteries	Not used	NA
	Language(s)		—
1.7.14	Equipment for restricted access locations		P
2	PROTECTION FROM HAZARDS		P
2.1	Protection from electric shock and energy hazards		P
2.1.1	Protection in operator access areas	No operator access	NA
2.1.1.1	Access to energized parts		NA
	Test by inspection		NA
	Test with test finger (Figure 2A)		NA
	Test with test pin (Figure 2B)		NA
	Test with test probe (Figure 2C)		NA
2.1.1.2	Battery compartments		NA
2.1.1.3	Access to ELV wiring	No ELV	NA
	Working voltage (V _{peak} or V _{rms}); minimum distance through insulation (mm)		—
2.1.1.4	Access to hazardous voltage circuit wiring		NA
2.1.1.5	Energy hazards		NA
2.1.1.6	Manual controls	No manual controls	NA
2.1.1.7	Discharge of capacitors in equipment		NA
	Measured voltage (V); time-constant (s).....		—
2.1.1.8	Energy hazards – DC mains supply		NA
	a) Capacitor connected to the DC mains supply		NA
	b) Internal battery connected to the DC mains supply:		NA
2.1.1.9	Audio amplifiers	None used	NA
2.1.2	Protection in service access areas	No serviceable parts	NA
2.1.3	Protection in restricted access locations		NA
2.2	SELV circuits		NA
2.2.1	General requirements	Not evaluated for SELV	NA
2.2.2	Voltages under normal conditions (V)		NA
2.2.3	Voltages under fault conditions (V)		NA

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
2.2.4	Connection of SELV circuits to other circuits :		NA
2.3	TNV circuits		NA
2.3.1	Limits	No TNV	NA
	Type of TNV circuits..... :		—
2.3.2	Separation from other circuits and from accessible parts		NA
2.3.2.1	General requirements		NA
2.3.2.2	Protection by basic insulation		NA
2.3.2.3	Protection by earthing		NA
2.3.2.4	Protection by other constructions :		NA
2.3.3	Separation from hazardous voltages		NA
	Insulation employed..... :		—
2.3.4	Connection of TNV circuits to other circuits		NA
	Insulation employed..... :		—
2.3.5	Test for operating voltages generated externally		NA
2.4	Limited current circuits		NA
2.4.1	General requirements	Not evaluated for limited current circuits	NA
2.4.2	Limit values		NA
	Frequency (Hz) :		—
	Measured current (mA)..... :		—
	Measured voltage (V)..... :		—
	Measured circuit capacitance (nF or µF) :		—
2.4.3	Connection of limited current circuits to other circuits		NA
2.5	Limited power sources (see appended table 2.5)		NA
	a) Inherently limited output	Part of certified component	NA
	b) Impedance limited output		NA
	c) Regulating network limited output under normal operating and single fault condition		NA
	d) Overcurrent protective device limited output		NA
	Max output voltage (V), max output current (A), max apparent power (VA)..... :		—
	Current rating of overcurrent protective device (A) .:		—
	Use of integrated circuit (IC) current limiters		NA

EUT: Summit Data Communications, Inc. SDC-MCF10G

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
2.6	Provisions for earthing and bonding		NA
2.6.1	Protective earthing	Not used	NA
2.6.2	Functional earthing		NA
2.6.3	Protective earthing and protective bonding conductors		NA
2.6.3.1	General		NA
2.6.3.2	Size of protective earthing conductors		NA
	Rated current(A), cross-sectional area(mm ²), AWG:		—
2.6.3.3	Size of protective bonding conductors		NA
	Rated current(A), cross-sectional area(mm ²), AWG:		—
	Protective current rating (A), cross-sectional area (mm ²), AWG..... :		NA
2.6.3.4	Resistance of earthing conductors and their terminations; resistance (Ω), voltage drop (V), test current (A), duration (min)..... :		NA
2.6.3.5	Colour of insulation :		NA
2.6.4	Terminals		NA
2.6.4.1	General		NA
2.6.4.2	Protective earthing and bonding terminals		NA
	Rated current (A), type, nominal thread diameter (mm):		—
2.6.4.3	Separation of the protective earthing conductor from protective bonding conductors		NA
2.6.5	Integrity of protective earthing		NA
2.6.5.1	Interconnection of equipment		NA
2.6.5.2	Components in protective earthing conductors and protective bonding conductors		NA
2.6.5.3	Disconnection of protective earth		NA
2.6.5.4	Parts that can be removed by an operator		NA
2.6.5.5	Parts removed during servicing		NA
2.6.5.6	Corrosion resistance		NA
2.6.5.7	Screws for protective bonding		NA
2.6.5.8	Reliance on telecommunication network or cable distribution system		NA
2.7	Overcurrent and earth fault protection in primary circuits		NA
2.7.1	Basic requirements	No primary circuits	NA
	Instructions when protection relies on building installation		NA

EUT: Summit Data Communications, Inc. SDC-MCF10G

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
2.7.2	Faults not simulated in 5.3.7		NA
2.7.3	Short-circuit backup protection		NA
2.7.4	Number and location of protective devices :		NA
2.7.5	Protection by several devices		NA
2.7.6	Warning to service personnel :		NA
2.8	Safety interlocks		NA
2.8.1	General principles	None used	NA
2.8.2	Protection requirements		NA
2.8.3	Inadvertent reactivation		NA
2.8.4	Fail-safe operation		NA
	Protection against extreme hazard		NA
2.8.5	Moving parts		NA
2.8.6	Overriding		NA
2.8.7	Switches, relays and their related circuits		NA
2.8.7.1	Separation distances for contact gaps and their related circuits (mm) :		NA
2.8.7.2	Overload test		NA
2.8.7.3	Endurance test		NA
2.8.7.4	Electric strength test		NA
2.8.8	Mechanical actuators		
2.9	Electrical insulation		P
2.9.1	Properties of insulating materials	Certified component used	P
2.9.2	Humidity conditioning		NA
	Relative humidity (%), temperature (°C) :		—
2.9.3	Grade of insulation		NA
2.9.4	Separation from hazardous voltages		NA
	Method(s) used :		—
2.10	Clearances, creepage distances and distances through insulation		P
2.10.1	General		P
2.10.1.1	Frequency :		NA
2.10.1.2	Pollution degrees :	Degree 2 used	P
2.10.1.3	Reduced values for functional insulation		NA
2.10.1.4	Intervening unconnected conductive parts		NA

EUT: Summit Data Communications, Inc. SDC-MCF10G

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
2.10.1.5	Insulation with varying dimensions		NA
2.10.1.6	Special separation requirements		NA
2.10.1.7	Insulation in circuits generating starting pulses	No starting pulses	NA
2.10.2	Determination of working voltage		NA
2.10.2.1	General		NA
2.10.2.2	RMS working voltage		NA
2.10.2.3	Peak working voltage		NA
2.10.3	Clearances	Functional only	NA
2.10.3.1	General		NA
2.10.3.2	Mains transient voltages	No mains transformer	NA
	a) AC mains supply		NA
	b) Earthed DC mains supplies		NA
	c) Unearthed DC mains supplies		NA
	d) Battery operation		NA
2.10.3.3	Clearances in primary circuits		NA
2.10.3.4	Clearances in secondary circuits		NA
2.10.3.5	Clearances in circuits having starting pulses		NA
2.10.3.6	Transients from AC mains supply		NA
2.10.3.7	Transients from DC mains supply		NA
2.10.3.8	Transients from telecommunication networks and cable distribution systems		NA
2.10.3.9	Measurement of transient voltage levels		NA
	a) Transients from a mains supply		NA
	For an AC mains supply		NA
	For a DC mains supply		NA
	b) Transients from a telecommunication network :		NA
2.10.4	Creepage distances	No hazardous voltages	NA
2.10.4.1	General		NA
2.10.4.2	Material group and comparative tracking index		NA
	CTI tests.....	Material group IIIb is assumed to be used	—
2.10.4.3	Minimum creepage distances	No hazardous working voltages	NA
2.10.5	Solid insulation	Not used	NA
2.10.5.1	General	Not used	NA

EUT: Summit Data Communications, Inc. SDC-MCF10G

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
2.10.5.2	Distances through insulation		NA
2.10.5.3	Insulating compound as solid insulation		NA
2.10.5.4	Semiconductor devices		NA
2.10.5.5.	Cemented joints		NA
2.10.5.6	Thin sheet material – General	None used	NA
2.10.5.7	Separable thin sheet material		NA
	Number of layers (pcs)..... :		—
2.10.5.8	Non-separable thin sheet material		NA
2.10.5.9	Thin sheet material – standard test procedure		NA
	Electric strength test		—
2.10.5.10	Thin sheet material – alternative test procedure		NA
	Electric strength test		—
2.10.5.11	Insulation in wound components		NA
2.10.5.12	Wire in wound components		NA
	Working voltage :		NA
	a) Basic insulation not under stress :		NA
	b) Basic, supplementary, reinforced insulation :		NA
	c) Compliance with Annex U :		NA
	Two wires in contact inside wound component; angle between 45° and 90° :		NA
2.10.5.13	Wire with solvent-based enamel in wound components		NA
	Electric strength test		—
	Routine test		NA
2.10.5.14	Additional insulation in wound components		NA
	Working voltage :		NA
	- Basic insulation not under stress :		NA
	- Supplementary, reinforced insulation :		NA
2.10.6	Construction of printed boards	Certified boards used	P
2.10.6.1	Uncoated printed boards		P
2.10.6.2	Coated printed boards	Not used	NA
2.10.6.3	Insulation between conductors on the same inner surface of a printed board		P
2.10.6.4	Insulation between conductors on different layers of a printed board	Functional insulation used	NA

IEC 60950-1			
Clause	Requirement + Test	Result - Remark	Verdict
	Distance through insulation		NA
	Number of insulation layers (pcs) :		NA
2.10.7	Component external terminations		NA
2.10.8	Tests on coated printed boards and coated components		NA
2.10.8.1	Sample preparation and preliminary inspection		NA
2.10.8.2	Thermal conditioning		NA
2.10.8.3	Electric strength test		NA
2.10.8.4	Abrasion resistance test		NA
2.10.9	Thermal cycling		NA
2.10.10	Test for Pollution Degree 1 environment and insulating compound	Degree 2 assumed	NA
2.10.11	Tests for semiconductor devices and cemented joints		NA
2.10.12	Enclosed and sealed parts		NA
3	WIRING, CONNECTIONS AND SUPPLY		P
3.1	General		P
3.1.1	Current rating and overcurrent protection		NA
3.1.2	Protection against mechanical damage		P
3.1.3	Securing of internal wiring		NA
3.1.4	Insulation of conductors		NA
3.1.5	Beads and ceramic insulators	Not used	NA
3.1.6	Screws for electrical contact pressure		NA
3.1.7	Insulating materials in electrical connections		NA
3.1.8	Self-tapping and spaced thread screws		NA
3.1.9	Termination of conductors		NA
	10 N pull test		NA
3.1.10	Sleeving on wiring		NA
3.2	Connection to a mains supply		NA
3.2.1	Means of connection	No mains connection	NA
3.2.1.1	Connection to an AC mains supply		NA
3.2.1.2	Connection to a DC mains supply		NA
3.2.2	Multiple supply connections		NA
3.2.3	Permanently connected equipment		NA
	Number of conductors, diameter of cable and conduits (mm) :		—

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Clause	Requirement + Test	Result - Remark	Verdict
3.2.4	Appliance inlets		NA
3.2.5	Power supply cords		NA
3.2.5.1	AC power supply cords		NA
	Type		—
	Rated current(A), cross-sectional area(mm ²), AWG:		—
3.2.5.2	DC power supply cords		NA
3.2.6	Cord anchorages and strain relief		NA
	Mass of equipment (kg), pull (N)		—
	Longitudinal displacement (mm)		—
3.2.7	Protection against mechanical damage		NA
3.2.8	Cord guards		NA
	Diameter or minor dimension D(mm); test mass(g):		—
	Radius of curvature of cord (mm)		—
3.2.9	Supply wiring space		
3.3	Wiring terminals for connection of external conductors		NA
3.3.1	Wiring terminals	No wiring terminals used	NA
3.3.2	Connection of non-detachable power supply cords		NA
3.3.3	Screw terminals		NA
3.3.4	Conductor sizes to be connected		NA
	Rated current (A), cord/cable type, cross-sectional area (mm ²)		—
3.3.5	Wiring terminal sizes		NA
	Rated current(A), type, nominal thread diameter(mm)		—
3.3.6	Wiring terminal design		NA
3.3.7	Grouping of wiring terminals		NA
3.3.8	Stranded wire		NA
3.4	Disconnection from the mains supply		NA
3.4.1	General requirement	No mains connection	NA
3.4.2	Disconnect devices		NA
3.4.3	Permanently connected equipment		NA
3.4.4	Parts which remain energized		NA
3.4.5	Switches in flexible cords		NA
3.4.6	Number of poles - single-phase and DC equipment		NA

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Clause	Requirement + Test	Result - Remark	Verdict
3.4.7	Number of poles - three-phase equipment		NA
3.4.8	Switches as disconnect devices		NA
3.4.9	Plugs as disconnect devices		NA
3.4.10	Interconnected equipment		NA
3.4.11	Multiple power sources		NA
3.5	Interconnection of equipment		NA
3.5.1	General requirements	No interconnection	NA
3.5.2	Types of interconnection circuits		NA
3.5.3	ELV circuits as interconnection circuits		NA
3.5.4	Data ports for additional equipment		NA
4	PHYSICAL REQUIREMENTS		P
4.1	Stability		NA
	Angle of 10°	Not floor standing or greater than 7kg	NA
	Test force (N)		NA
4.2	Mechanical strength		P
4.2.1	General		P
	Rack-mounted equipment.	Not rack mounted	NA
4.2.2	Steady force test, 10 N	No such parts	NA
4.2.3	Steady force test, 30 N	No doors or covers	NA
4.2.4	Steady force test, 250 N		NA
4.2.5	Impact test		NA
	Fall test		NA
	Swing test		NA
4.2.6	Drop test; height (mm)	No hazardous voltages or energy levels	NA
4.2.7	Stress relief test		NA
4.2.8	Cathode ray tubes	None used	NA
	Picture tube separately certified		NA
4.2.9	High pressure lamps	None used	NA
4.2.10	Wall or ceiling mounted equipment; force (N)	Not wall or ceiling mounted	NA
4.2.11	Rotating solid media		NA
	Test to cover on the door.....		NA

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Clause	Requirement + Test	Result - Remark	Verdict
4.3	Design and construction		P
4.3.1	Edges and corners		P
4.3.2	Handles and manual controls; force (N)	None provided	NA
4.3.3	Adjustable controls	No adjustable controls	NA
4.3.4	Securing of parts		P
4.3.5	Connection by plugs and sockets		NA
4.3.6	Direct plug-in equipment	Not direct-plug-in	NA
	Torque		—
	Compliance with the relevant mains plug standard:		NA
4.3.7	Heating elements in earthed equipment		NA
4.3.8	Batteries	None used	NA
	- Overcharging of a rechargeable battery		NA
	- Unintentional charging of a non-rechargeable battery		NA
	- Reverse charging of a rechargeable battery		NA
	- Excessive discharging rate for any battery		NA
4.3.9	Oil and grease	None used	NA
4.3.10	Dust, powders, liquids and gases		NA
4.3.11	Containers for liquids or gases		NA
4.3.12	Flammable liquids		NA
	Quantity of liquid (l)		NA
	Flash point (°C)		NA
4.3.13	Radiation		NA
4.3.13.1	General		NA
4.3.13.2	Ionizing radiation		NA
	Measured radiation (pA/kg)		—
	Measured high-voltage (kV)		—
	Measured focus voltage (kV)		—
	CRT markings		—
4.3.13.3	Effect of ultraviolet (UV) radiation on materials		NA
	Part, property, retention after test, flammability classification		NA
4.3.13.4	Human exposure to ultraviolet (UV) radiation	Not used or produced	NA
4.3.13.5	Lasers (including laser diodes) and LEDs		NA
4.3.13.5.1	Lasers (including laser diodes)		NA

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Clause	Requirement + Test	Result - Remark	Verdict
	Laser class		—
4.3.13.5.2	Light emitting diodes (LEDs)		
4.3.13.6	Other types		NA
4.4	Protection against hazardous moving parts		NA
4.4.1	General	No moving parts	NA
4.4.2	Protection in operator access areas		NA
	Household and home/office document/media shredders		NA
4.4.3	Protection in restricted access locations		NA
4.4.4	Protection in service access areas		NA
4.4.5	Protection against moving fan blades		NA
4.4.5.1	General		NA
	Not considered to cause pain or injury. a).....:		NA
	Is considered to cause pain, not injury. b)		NA
	Considered to cause injury. c)		NA
4.4.5.2	Protection for users		NA
	Use of symbol or warning		NA
4.4.5.3	Protection for service persons		NA
	Use of symbol or warning		NA
4.5	Thermal requirements		P
4.5.1	General		P
4.5.2	Temperature tests		P
	Normal load condition per Annex L		—
4.5.3	Temperature limits for materials	(see appended table 4.5)	P
4.5.4	Touch temperature limits	(see appended table 4.5)	P
4.5.5	Resistance to abnormal heat		NA
4.6	Openings in enclosures		NA
4.6.1	Top and side openings	No openings in enclosure	NA
	Dimensions (mm)		—
4.6.2	Bottoms of fire enclosures		NA
	Construction of the bottom, dimensions (mm) ...:		—
4.6.3	Doors or covers in fire enclosures		NA
4.6.4	Openings in transportable equipment		NA

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Clause	Requirement + Test	Result - Remark	Verdict
4.6.4.1	Constructional design measures		P
	Dimensions (mm)		—
4.6.4.2	Evaluation measures for larger openings		NA
4.6.4.3	Use of metallized parts	No metallized parts	NA
4.6.5	Adhesives for constructional purposes	Not used	NA
	Conditioning temperature (°C), time (weeks)		—
4.7	Resistance to fire		P
4.7.1	Reducing the risk of ignition and spread of flame		P
	Method 1, selection and application of components wiring and materials		P
	Method 2, application of all of simulated fault condition tests		NA
4.7.2	Conditions for a fire enclosure	Not required	NA
4.7.2.1	Parts requiring a fire enclosure		NA
4.7.2.2	Parts not requiring a fire enclosure		NA
4.7.3	Materials		NA
4.7.3.1	General		NA
4.7.3.2	Materials for fire enclosures		NA
4.7.3.3	Materials for components and other parts outside fire enclosures		NA
4.7.3.4	Materials for components and other parts inside fire enclosures		NA
4.7.3.5	Materials for air filter assemblies		NA
4.7.3.6	Materials used in high-voltage components		NA
5	ELECTRICAL REQUIREMENTS AND SIMULATED ABNORMAL CONDITIONS		NA
5.1	Touch current and protective conductor current		NA
5.1.1	General	Not mains connected	NA
5.1.2	Configuration of equipment under test (EUT)		NA
5.1.2.1	Single connection to an a.c. mains supply		NA
5.1.2.2	Redundant multiple connections to an AC mains supply		NA
5.1.2.3	Simultaneous multiple connections to an AC mains supply		NA
5.1.3	Test circuit		NA
5.1.4	Application of measuring instrument		NA
5.1.5	Test procedure		NA

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Clause	Requirement + Test	Result - Remark	Verdict
5.1.6	Test measurements		NA
	Supply voltage (V) :		—
	Measured touch current (mA) :		—
	Max. allowed touch current (mA) :		—
	Measured protective conductor current (mA) :		—
	Max. allowed protective conductor current (mA) .. :		—
5.1.7	Equipment with touch current exceeding 3,5 mA		NA
5.1.7.1	General :		NA
5.1.7.2	Simultaneous multiple connections to the supply		NA
5.1.8	Touch currents to telecommunication networks and cable distribution systems and from telecommunication networks		NA
5.1.8.1	Limitation of the touch current to a telecommunication network or to a cable distribution system		NA
	Supply voltage (V) :		—
	Measured touch current (mA) :		—
	Max. allowed touch current (mA) :		—
5.1.8.2	Summation of touch currents from telecommunication networks		NA
	a) EUT with earthed telecommunication ports :		NA
	b) EUT whose telecommunication ports have no reference to protective earth		NA

5.2	Electric strength		NA
5.2.1	General	Not AC mains connected	NA
5.2.2	Test procedure		NA

5.3	Abnormal operating and fault conditions		NA
5.3.1	Protection against overload and abnormal operation	No abnormal conditions exist	NA
5.3.2	Motors	None used	NA
5.3.3	Transformers	Part of approved component	NA
5.3.4	Functional insulation :		P
5.3.5	Electromechanical components	None used	NA
5.3.6	Audio amplifiers in ITE :	None used	NA
5.3.7	Simulation of faults		NA
5.3.8	Unattended equipment	Not unattended equipment	NA

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Clause	Requirement + Test	Result - Remark	Verdict
5.3.9	Compliance criteria for abnormal operating and fault conditions		NA
5.3.9.1	During the tests	No abnormal conditions	NA
5.3.9.2	After the tests		NA
6	CONNECTION TO TELECOMMUNICATION NETWORKS		NA
6.1	Protection of telecommunication network service persons, and users of other equipment connected to the network, from hazards in the equipment		NA
6.1.1	Protection from hazardous voltages		NA
6.1.2	Separation of the telecommunication network from earth		NA
6.1.2.1	Requirements	No Telecomm communications	NA
	Supply voltage (V)		—
	Current in the test circuit (mA)		—
6.1.2.2	Exclusions		NA
6.2	Protection of equipment users from overvoltages on telecommunication networks		NA
6.2.1	Separation requirements		NA
6.2.2	Electric strength test procedure		NA
6.2.2.1	Impulse test		NA
6.2.2.2	Steady-state test		NA
6.2.2.3	Compliance criteria		NA
6.3	Protection of the telecommunication wiring system from overheating		NA
	Max. output current (A)		—
	Current limiting method		—
7	CONNECTION TO CABLE DISTRIBUTION SYSTEMS		NA
7.1	General		NA
7.2	Protection of cable distribution system service persons, and users of other equipment connected to the system, from hazardous voltages in the equipment		NA
7.3	Protection of equipment users from overvoltages on the cable distribution system		NA
7.4	Insulation between primary circuits and cable distribution systems		NA
7.4.1	General		NA
7.4.2	Voltage surge test		NA

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Clause	Requirement + Test	Result - Remark	Verdict
7.4.3	Impulse test		NA

A	ANNEX A, TESTS FOR RESISTANCE TO HEAT AND FIRE		NA
A.1	Flammability test for fire enclosures of movable equipment having a total mass exceeding 18 kg, and of stationary equipment (see 4.7.3.2)	No fire enclosure used	NA
A.1.1	Samples		—
	Wall thickness (mm).....		—
A.1.2	Conditioning of samples; temperature (°C)		NA
A.1.3	Mounting of samples		NA
A.1.4	Test flame (see IEC 60695-11-3)		NA
	Flame A, B, C or D		—
A.1.5	Test procedure		NA
A.1.6	Compliance criteria		NA
	Sample 1 burning time (s).....		—
	Sample 2 burning time (s).....		—
	Sample 3 burning time (s).....		—
A.2	Flammability test for fire enclosures of movable equipment having a total mass not exceeding 18 kg, and for material and components located inside fire enclosures (see 4.7.3.2 and 4.7.3.4)		NA
A.2.1	Samples, material		—
	Wall thickness (mm).....		—
A.2.2	Conditioning of samples; temperature (°C)		NA
A.2.3	Mounting of samples		NA
A.2.4	Test flame (see IEC 60695-11-4)		NA
	Flame A, B or C		—
A.2.5	Test procedure		NA
A.2.6	Compliance criteria		NA
	Sample 1 burning time (s).....		—
	Sample 2 burning time (s).....		—
	Sample 3 burning time (s).....		—
A.2.7	Alternative test acc. to IEC 60695-11-5, cl. 5 and 9		NA
	Sample 1 burning time (s).....		—
	Sample 2 burning time (s).....		—
	Sample 3 burning time (s).....		—

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Clause	Requirement + Test	Result - Remark	Verdict
A.3	Hot flaming oil test (see 4.6.2)		NA
A.3.1	Mounting of samples		NA
A.3.2	Test procedure		NA
A.3.3	Compliance criterion		NA
B	ANNEX B, MOTOR TESTS UNDER ABNORMAL CONDITIONS (see 4.7.2.2 and 5.3.2)		NA
B.1	General requirements		NA
	Position		—
	Manufacturer		—
	Type		—
	Rated values		—
B.2	Test conditions		NA
B.3	Maximum temperatures		NA
B.4	Running overload test		NA
B.5	Locked-rotor overload test		NA
	Test duration (days)		—
	Electric strength test: test voltage (V)		—
B.6	Running overload test for DC motors in secondary circuits		NA
B.6.1	General		NA
B.6.2	Test procedure		NA
B.6.3	Alternative test procedure		NA
B.6.4	Electric strength test; test voltage (V)		NA
B.7	Locked-rotor overload test for DC motors in secondary circuits		NA
B.7.1	General		NA
B.7.2	Test procedure		NA
B.7.3	Alternative test procedure		NA
B.7.4	Electric strength test; test voltage (V)		NA
B.8	Test for motors with capacitors		NA
B.9	Test for three-phase motors		NA
B.10	Test for series motors		NA
	Operating voltage (V)		—
C	ANNEX C, TRANSFORMERS (see 1.5.4 and 5.3.3)		NA
	Position	Part of approved components	—

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Clause	Requirement + Test	Result - Remark	Verdict
	Manufacturer		—
	Type		—
	Rated values		—
	Method of protection		—
C.1	Overload test		NA
C.2	Insulation		NA
	Protection from displacement of windings		NA
D	ANNEX D, MEASURING INSTRUMENTS FOR TOUCH-CURRENT TESTS (see 5.1.4)		NA
D.1	Measuring instrument		NA
D.2	Alternative measuring instrument		NA
E	ANNEX E, TEMPERATURE RISE OF A WINDING (see 1.4.13)		NA
F	ANNEX F, MEASUREMENT OF CLEARANCES AND CREEPAGE DISTANCES (see 2.10 and Annex G)		NA
G	ANNEX G, ALTERNATIVE METHOD FOR DETERMINING MINIMUM CLEARANCES		NA
G.1	Clearances		NA
G.1.1	General		NA
G.1.2	Summary of the procedure for determining minimum clearances		NA
G.2	Determination of mains transient voltage (V)		NA
G.2.1	AC mains supply		NA
G.2.2	Earthed DC mains supplies		NA
G.2.3	Unearthed DC mains supplies		NA
G.2.4	Battery operation		NA
G.3	Determination of telecommunication network transient voltage (V)		NA
G.4	Determination of required withstand voltage (V)		NA
G.4.1	Mains transients and internal repetitive peaks		NA
G.4.2	Transients from telecommunication networks		NA
G.4.3	Combination of transients		NA
G.4.4	Transients from cable distribution systems		NA
G.5	Measurement of transient voltages (V)		NA
	a) Transients from a mains supply		NA
	For an AC mains supply		NA

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Clause	Requirement + Test	Result - Remark	Verdict
	For a DC mains supply		NA
	b) Transients from a telecommunication network		NA
G.6	Determination of minimum clearances		NA
H	ANNEX H, IONIZING RADIATION (see 4.3.13)		NA
J	ANNEX J, TABLE OF ELECTROCHEMICAL POTENTIALS (see 2.6.5.6)		NA
	Metal(s) used		—
K	ANNEX K, THERMAL CONTROLS (see 1.5.3 and 5.3.8)		NA
K.1	Making and breaking capacity	Not used	NA
K.2	Thermostat reliability; operating voltage (V)		NA
K.3	Thermostat endurance test; operating voltage(V) :		NA
K.4	Temperature limiter endurance; operating voltage(V):		NA
K.5	Thermal cut-out reliability		NA
K.6	Stability of operation		NA
L	ANNEX L, NORMAL LOAD CONDITIONS FOR SOME TYPES OF ELECTRICAL BUSINESS EQUIPMENT (see 1.2.2.1 and 4.5.2)		NA
L.1	Typewriters	Not this type of device	NA
L.2	Adding machines and cash registers		NA
L.3	Erasers		NA
L.4	Pencil sharpeners		NA
L.5	Duplicators and copy machines		NA
L.6	Motor-operated files		NA
L.7	Other business equipment		NA
M	ANNEX M, CRITERIA FOR TELEPHONE RINGING SIGNALS (see 2.3.1)		NA
M.1	Introduction		NA
M.2	Method A		NA
M.3	Method B		NA
M.3.1	Ringling signal		NA
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		NA

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Clause	Requirement + Test	Result - Remark	Verdict
M.3.2.1	Conditions for use of a tripping device or a monitoring voltage		NA
M.3.2.2	Tripping device		NA
M.3.2.3	Monitoring voltage (V) :		NA
N	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)		NA
N.1	ITU-T impulse test generators		NA
N.2	IEC 60065 impulse test generator		NA
P	ANNEX P, NORMATIVE REFERENCES		—
Q	ANNEX Q, Voltage dependent resistors (VDRs) (see 1.5.9.1)		NA
	a) Preferred climatic categories :		NA
	b) Maximum continuous voltage :		NA
	c) Pulse current :		NA
R	ANNEX R, EXAMPLES OF REQUIREMENTS FOR QUALITY CONTROL PROGRAMS		NA
R.1	Minimum separation distances for unpopulated coated printed boards (see 2.10.6.2)		NA
R.2	Reduced clearances (see 2.10.3)		NA
S	ANNEX S, PROCEDURE FOR IMPULSE TESTING (see 6.2.2.3)		NA
S.1	Test equipment		NA
S.2	Test procedure		NA
S.3	Examples of waveforms during impulse testing		NA
T	ANNEX T, GUIDANCE ON PROTECTION AGAINST INGRESS OF WATER (see 1.1.2)		NA
		See separate test report	—
U	ANNEX U, INSULATED WINDING WIRES FOR USE WITHOUT INTERLEAVED INSULATION (see 2.10.5.4)		NA
		See separate test report	—
V	ANNEX V, AC POWER DISTRIBUTION SYSTEMS (see 1.6.1)		NA
V.1	Introduction		NA
V.2	TN power distribution systems		NA
W	ANNEX W, SUMMATION OF TOUCH CURRENTS		NA
W.1	Touch current from electronic circuits		NA

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Clause	Requirement + Test	Result - Remark	Verdict
W.1.1	Floating circuits		NA
W.1.2	Earthed circuits		NA
W.2	Interconnection of several equipments		NA
W.2.1	Isolation		NA
W.2.2	Common return, isolated from earth		NA
W.2.3	Common return, connected to protective earth		NA
X	ANNEX X, MAXIMUM HEATING EFFECT IN TRANSFORMER TESTS (see clause C.1)		NA
X.1	Determination of maximum input current		NA
X.2	Overload test procedure		NA
Y	ANNEX Y, ULTRAVIOLET LIGHT CONDITIONING TEST (see 4.3.13.3)		NA
Y.1	Test apparatus		NA
Y.2	Mounting of test samples		NA
Y.3	Carbon-arc light-exposure apparatus		NA
Y.4	Xenon-arc light exposure apparatus		NA
Z	ANNEX Z, OVERVOLTAGE CATEGORIES (see 2.10.3.2 and Clause G.2)		NA
AA	ANNEX AA, MANDREL TEST (see 2.10.5.8)		NA
BB	ANNEX BB, CHANGES IN THE SECOND EDITION		—
CC	ANNEX CC, Evaluation of integrated circuit (IC) current limiters		NA
CC.1	General		NA
CC.2	Test program 1.....:		NA
CC.3	Test program 2.....:		NA
DD	ANNEX DD, Requirements for the mounting means of rack-mounted equipment		NA
DD.1	General		NA
DD.2	Mechanical strength test, variable N.....:		NA
DD.3	Mechanical strength test, 250N, including end stops:		NA
DD.4	Compliance.....:		NA
EE	ANNEX EE, Household and home/office document/media shredders		NA
EE.1	General		NA
EE.2	Markings and instructions		NA
	Use of markings or symbols.....:		NA

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Clause	Requirement + Test	Result - Remark	Verdict
	Information of user instructions, maintenance and/or servicing instructions.....:		NA
EE.3	Inadvertent reactivation test.....:		NA
EE.4	Disconnection of power to hazardous moving parts:		NA
	Use of markings or symbols.....:		NA
EE.5	Protection against hazardous moving parts		NA
	Test with test finger (Figure 2A):		NA
	Test with wedge probe (Figure EE1 and EE2):		NA

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1.5.1	TABLE: List of critical components					P
Object/part No.	Manufacturer/ trademark	Type/model	Technical data	Standard (Edition / year)	Mark(s) of conformity ¹⁾	
- Description:						
PCB	Various	Various	Minimum 94V-0 Flammability Rating	UL 94	UL	
- Description:						
- Description:						
Supplementary information:						
¹⁾ Provided evidence ensures the agreed level of compliance. See OD-CB2039.						

1.5.1	TABLE: Opto Electronic Devices					NA
Manufacturer						
Type						
Separately tested						
Bridging insulation.....						
External creepage distance						
Internal creepage distance						
Distance through insulation						
Tested under the following conditions						
Input						
Output						
supplementary information						

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1.6.2	TABLE: Electrical data (in normal conditions)					NA
U (V)	I (A)	I _{rated} (A)	P (W)	Fuse #	I _{fuse} (A)	Condition/status
Supplementary information:						

2.1.1.5 c) 1)	TABLE: max. V, A, VA test				NA
Voltage (rated) (V)	Current (rated) (A)	Voltage (max.) (V)	Current (max.) (A)	VA (max.) (VA)	
supplementary information:					

2.1.1.5 c) 2)	TABLE: stored energy		NA
Capacitance C (μF)	Voltage U (V)	Energy E (J)	
supplementary information:			

2.2	TABLE: evaluation of voltage limiting components in SELV circuits			NA
Component (measured between)	max. voltage (V) (normal operation)		Voltage Limiting Components	
	V peak	V DC		
Fault test performed on voltage limiting components	Voltage measured (V) in SELV circuits (V peak or V DC)			
supplementary information:				

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2.5	TABLE: limited power sources				NA
Circuit output tested:					
Measured Uoc (V) with all load circuits disconnected:					
	I_{sc} (A)		VA		
	Meas.	Limit	Meas.	Limit	
Normal condition					
Single fault:					
Single fault:					
Single fault:					
supplementary information:					
Sc=Short circuit, Oc=Open circuit					

2.10.2	Table: working voltage measurement			NA
Location	RMS voltage (V)	Peak voltage (V)	Comments	
supplementary information:				

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2.10.3 and 2.10.4	TABLE: Clearance and creepage distance measurements						NA
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:							
Basic/supplementary:							
Reinforced:							
Supplementary information:							

2.10.5	TABLE: Distance through insulation measurements					NA
Distance through insulation (DTI) at/of:	U peak (V)	U rms (V)	Test voltage (V)	Required DTI (mm)	DTI (mm)	
Supplementary information:						

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4.3.8	TABLE: Batteries								NA	
The tests of 4.3.8 are applicable only when appropriate battery data is not available										
Is it possible to install the battery in a reverse polarity position?										
	Non-rechargeable batteries			Rechargeable batteries						
	Discharging		Unintentional charging	Charging		Discharging		Reversed charging		
	Meas. current	Manuf. Specs.		Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	Meas. current	Manuf. Specs.	
Max. current during normal condition										
Max. current during fault condition										
Test results:										
- Chemical leaks										
- Explosion of the battery										
- Emission of flame or expulsion of molten metal										
- Electric strength tests of equipment after completion of tests										
Supplementary information:										

4.3.8	TABLE: Batteries								NA	
Battery category: (Lithium, NiMh, NiCad, Lithium Ion ...)										
Manufacturer.....:										
Type / model.....:										
Voltage.....:										
Capacity.....: mAh										
Tested and Certified by (incl. Ref. No.).....:										
Circuit protection diagram:										

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MARKINGS AND INSTRUCTIONS (1.7.12, 1.7.15)	
Location of replaceable battery	
Language(s)	
Close to the battery	
In the servicing instructions.....	
In the operating instructions	

4.5	TABLE: Thermal requirements							P
	Supply voltage (V)	3.3						—
	Ambient T _{min} (°C)	20.3						—
	Ambient T _{max} (°C)	20.3						—
	Maximum measured temperature T of part/at::	T (°C)						Allowed T _{max} (°C)
	PCB Near Input connector	39.0						105
	Enclosure	28.4						70
Supplementary information:								
	Temperature T of winding:	t ₁ (°C)	R ₁ (Ω)	t ₂ (°C)	R ₂ (Ω)	T (°C)	Allowed T _{max} (°C)	Insulation class
Supplementary information:								

4.5.5	TABLE: Ball pressure test of thermoplastic parts							NA
	Allowed impression diameter (mm)	≤ 2 mm						—
	Part				Test temperature (°C)	Impression diameter (mm)		
Supplementary information:								

4.7	TABLE: Resistance to fire					NA
	Part	Manufacturer of material	Type of material	Thickness (mm)	Flammability class	Evidence
Supplementary information:						

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5.1	TABLE: touch current measurement			NA
Measured between:	Measured (mA)	Limit (mA)	Comments/conditions	
supplementary information:				

5.2	TABLE: Electric strength tests, impulse tests and voltage surge tests			NA
Test voltage applied between:	Voltage shape (AC, DC, impulse, surge)	Test voltage (V)	Breakdown Yes / No	
Functional:				
Basic/supplementary:				
Reinforced:				
Supplementary information:				

5.3	TABLE: Fault condition tests					NA
	Ambient temperature (°C) :					—
	Power source for EUT: Manufacturer, model/type, output rating :					—
Component No.	Fault	Supply voltage (V)	Test time	Fuse #	Fuse current (A)	Observation
Supplementary information:						

EN 60950-1		
Clause	Requirement + Test	Verdict
EN 60950-1:2006 – CENELEC COMMON MODIFICATIONS		
Contents	Add the following annexes: Annex ZA (normative) Normative references to international publications with their corresponding European publications Annex ZB (normative) Special national conditions Annex ZC (informative) A-deviations	P
General	Delete all the “country” notes in the reference document according to the following list: 1.4.8 Note 2 1.5.1 Note 2 & 3 1.5.7.1 Note 1.5.8 Note 2 1.5.9.4 Note 1.7.2.1 Note 4, 5 & 6 2.2.3 Note 2.2.4 Note 2.3.2 Note 2.3.2.1 Note 2 2.3.4 Note 2 2.6.3.3 Note 2 & 3 2.7.1 Note 2.10.3.2 Note 2 2.10.5.13 Note 3 3.2.1.1 Note 3.2.4 Note 3. 2.5.1 Note 2 4.3.6 Note 1 & 2 4.7 Note 4 4.7.2.2 Note 4.7.3.1 Note 2 5.1.7.1 Note 3 & 4 5.3.7 Note 1 6 Note 2 & 5 6.1.2.1 Note 2 6.1.2.2 Note 6.2.2 Note 6. 2.2.1 Note 2 6.2.2.2 Note 7.1 Note 3 7.2 Note 7.3 Note 1 & 2 G.2.1 Note 2 Annex H Note 2	P
1.3.Z1	Add the following subclause: 1.3.Z1 Exposure to excessive sound pressure The apparatus shall be so designed and constructed as to present no danger when used for its intended purpose, either in normal operating conditions or under fault conditions, particularly providing protection against exposure to excessive sound pressures from headphones or earphones. NOTE Z1 A new method of measurement is described in EN 50332-1, Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 1: General method for “one package equipment”, and in EN 50332-2, Sound system equipment: Headphones and earphones associated with portable audio equipment - Maximum sound pressure level measurement methodology and limit considerations - Part 2: Guidelines to associate sets with headphones coming from different manufacturers.	NA
1.5.1	Add the following NOTE: NOTE Z1 The use of certain substances in electrical and electronic equipment is restricted within the EU: see Directive 2002/95/EC	NA
1.7.2.1	Add the following NOTE: NOTE Z1 In addition, the instructions shall include, as far as applicable, a warning that excessive sound pressure from earphones and headphones can cause hearing loss	NA

EN 60950-1								
Clause	Requirement + Test	Verdict						
2.7.1	<p>Replace the subclause as follows:</p> <p>Basic requirements</p> <p>To protect against excessive current, short-circuits and earth faults in primary circuits, protective devices shall be included either as integral parts of the equipment or as parts of the building installation, subject to the following, a), b) and c):</p> <p>a) except as detailed in b) and c), protective devices necessary to comply with the requirements of 5.3 shall be included as parts of the equipment;</p> <p>b) for components in series with the mains input to the equipment such as the supply cord, appliance coupler, r.f.i. filter and switch, short-circuit and earth fault protection may be provided by protective devices in the building installation;</p> <p>c) it is permitted for pluggable equipment Type B or permanently connected equipment, to rely on dedicated overcurrent and short-circuit protection in the building installation, provided that the means of protection, e.g. fuses or circuit breakers, is fully specified in the installation instructions.</p> <p>If reliance is placed on protection in the building installation, the installation instructions shall so state, except that for pluggable equipment Type A the building installation shall be regarded as providing protection in accordance with the rating of the wall socket outlet.</p>	P						
2.7.2	This subclause has been declared 'void'.	P						
3.2.3	Delete the note in Table 3A, and delete also in this table the conduit sizes in parentheses.	NA						
3.2.5.1	<p>Replace "60245 IEC 53" by "H05 RR-F";</p> <p>"60227 IEC 52" by "H03 VV-F or H03 VVH2-F";</p> <p>"60227 IEC 53" by "H05 VV-F or H05 VVH2-F2".</p> <p>In Table 3B, replace the first four lines by the following:</p> <table border="1"> <tr> <td>Up to and including 6</td> <td>0,75^{a)}</td> <td>Over 6 up to and including 10</td> </tr> <tr> <td>(0,75)^{b)} 1,0</td> <td>Over 10 up to and including 16</td> <td>(1,0)^{c)} 1,5</td> </tr> </table> <p>In the conditions applicable to Table 3B delete the words "in some countries" in condition^{a)}.</p> <p>In NOTE 1, applicable to Table 3B, delete the second sentence.</p>	Up to and including 6	0,75 ^{a)}	Over 6 up to and including 10	(0,75) ^{b)} 1,0	Over 10 up to and including 16	(1,0) ^{c)} 1,5	NA
Up to and including 6	0,75 ^{a)}	Over 6 up to and including 10						
(0,75) ^{b)} 1,0	Over 10 up to and including 16	(1,0) ^{c)} 1,5						
3.3.4	<p>In Table 3D, delete the fourth line: conductor sizes for 10 to 13 A, and replace with the following:</p> <table border="1"> <tr> <td>Over 10 up to and including 16</td> <td>1,5 to 2,5</td> <td>1,5 to 4</td> </tr> </table> <p>Delete the fifth line: conductor sizes for 13 to 16A.</p>	Over 10 up to and including 16	1,5 to 2,5	1,5 to 4	NA			
Over 10 up to and including 16	1,5 to 2,5	1,5 to 4						
4.3.13.6	<p>Add the following NOTE:</p> <p>NOTE Z1 Attention is drawn to 1999/519/EC: Council Recommendation on the limitation of exposure of the general public to electromagnetic fields 0 Hz to 300 GHz. Standards taking into account this Recommendation which demonstrate compliance with the applicable EU Directive are indicated in the OJEC.</p>	NA						
Annex H	<p>Replace the last paragraph of this annex by:</p> <p>At any point 10cm from the surface of the operator access area, the dose rate shall not exceed 1µSv/h (0,1 mR/h) (see NOTE). Account is taken of the background level.</p> <p>Replace the notes as follows:</p> <p>NOTE These values appear in Directive 96/29/Euratom.</p> <p>Delete NOTE 2.</p>	NA						
Bibliography	Additional EN standards.	—						

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EN 60950-1		
Clause	Requirement + Test	Verdict
ZA	NORMATIVE REFERENCES TO INTERNATIONAL PUBLICATIONS WITH THEIR CORRESPONDING EUROPEAN PUBLICATIONS	—
ZB	SPECIAL NATIONAL CONDITIONS	NA
1.2.4.1	In Denmark , certain types of Class I appliances (see 3.2.1.1) may be provided with a plug not establishing earthing conditions when inserted into Danish socket-outlets.	NA
1.5.7.1	In Finland, Norway and Sweden , resistors bridging basic insulation in Class I pluggable equipment Type A must comply with the requirements in 1.5.7.2.	NA
1.5.8	In Norway , due to the IT power system used (see annex V, Figure V.7), capacitors are required to be rated for the applicable line-to-line voltage (230 V).	NA
1.5.9.4	In Finland, Norway and Sweden , the third dashed sentence is applicable only to equipment as defined in 6.1.2.2 of this annex.	NA
1.7.2.1	In Finland, Norway and Sweden , Class I pluggable equipment Type A intended for connection to other equipment or a network shall, if safety relies on connection to protective earth or if surge suppressors are connected between the network terminals and accessible parts, have a marking stating that the equipment must be connected to an earthed mains socket-outlet. The marking text in the applicable countries shall be as follows: In Finland: "Laite on liitettävä suojamaadoituskoskettimilla varustettuun pistorasiaan" In Norway: "Apparatet må tilkoples jordet stikkontakt" In Sweden: "Apparaten skall anslutas till jordat uttag"	NA
1.7.5	In Denmark , socket-outlets for providing power to other equipment shall be in accordance with the Heavy Current Regulations, Section 107-2-D1, Standard Sheet DK 1-3a, DK 1-5a or DK 1-7a, when used on Class I equipment. For stationary equipment the socket-outlet shall be in accordance with Standard Sheet DK 1-1b or DK 1-5a.	NA
2.2.4	In Norway , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	NA
2.3.2	In Finland, Norway and Sweden there are additional requirements for the insulation. See 6.1.2.1 and 6.1.2.2 of this annex.	NA
2.3.4	In Norway , for requirements see 1.7.2.1, 6.1.2.1 and 6.1.2.2 of this annex.	NA
2.6.3.3	In the United Kingdom , the current rating of the circuit shall be taken as 13A, not 16A.	NA
2.7.1	In the United Kingdom , to protect against excessive currents and short-circuits in the primary circuit of direct plug-in equipment, tests according to 5.3 shall be conducted, using an external protective device rated 30A or 32A. If these tests fail, suitable protective devices shall be included as integral parts of the direct plug-in equipment, so that the requirements of 5.3 are met.	NA
2.10.5.13	In Finland, Norway and Sweden , there are additional requirements for the insulation, see 6.1.2.1 and 6.1.2.2 of this annex.	NA

EN 60950-1																										
Clause	Requirement + Test	Verdict																								
3.2.1.1	<p>In Switzerland, supply cords of equipment having a rated current not exceeding 10A shall be provided with a plug complying with SEV 1011 or IEC 60884-1 and one of the following dimension sheets:</p> <table border="0"> <tr> <td>SEV 6532-2.1991</td> <td>Plug Type 15</td> <td>3P+N+PE</td> <td>250/400 V, 10 A</td> </tr> <tr> <td>SEV 6533-2.1991</td> <td>Plug Type 11</td> <td>L+N</td> <td>250 V, 10 A</td> </tr> <tr> <td>SEV 6534-2.1991</td> <td>Plug Type 12</td> <td>L+N+PE</td> <td>250 V, 10 A</td> </tr> </table> <p>In general, EN 60309 applies for plugs for currents exceeding 10 A. However, a 16 A plug and socket-outlet system is being introduced in Switzerland, the plugs of which are according to the following dimension sheets, published in February 1998:</p> <table border="0"> <tr> <td>SEV 5932-2.1998</td> <td>Plug Type 25</td> <td>3L+N+PE</td> <td>230/400 V, 16 A</td> </tr> <tr> <td>SEV 5933-2.1998</td> <td>Plug Type 21</td> <td>L+N</td> <td>250 V, 16 A</td> </tr> <tr> <td>SEV 5934-2.1998</td> <td>Plug Type 23</td> <td>L+N+PE</td> <td>250 V, 16 A</td> </tr> </table>	SEV 6532-2.1991	Plug Type 15	3P+N+PE	250/400 V, 10 A	SEV 6533-2.1991	Plug Type 11	L+N	250 V, 10 A	SEV 6534-2.1991	Plug Type 12	L+N+PE	250 V, 10 A	SEV 5932-2.1998	Plug Type 25	3L+N+PE	230/400 V, 16 A	SEV 5933-2.1998	Plug Type 21	L+N	250 V, 16 A	SEV 5934-2.1998	Plug Type 23	L+N+PE	250 V, 16 A	NA
SEV 6532-2.1991	Plug Type 15	3P+N+PE	250/400 V, 10 A																							
SEV 6533-2.1991	Plug Type 11	L+N	250 V, 10 A																							
SEV 6534-2.1991	Plug Type 12	L+N+PE	250 V, 10 A																							
SEV 5932-2.1998	Plug Type 25	3L+N+PE	230/400 V, 16 A																							
SEV 5933-2.1998	Plug Type 21	L+N	250 V, 16 A																							
SEV 5934-2.1998	Plug Type 23	L+N+PE	250 V, 16 A																							
3.2.1.1	<p>In Denmark, supply cords of single-phase equipment having a rated current not exceeding 13 A shall be provided with a plug according to the Heavy Current Regulations, Section 107-2-D1.</p> <p>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.</p> <p>If poly-phase equipment and single-phase equipment having a rated current exceeding 13 A is provided with a supply cord with a plug, this plug shall be in accordance with the Heavy Current Regulations, Section 107-2-D1 or EN 60309-2.</p>	NA																								
3.2.1.1	<p>In Spain, supply cords of single-phase equipment having a rated current not exceeding 10 A shall be provided with a plug according to UNE 20315:1994.</p> <p>Supply cords of single-phase equipment having a rated current not exceeding 2,5 A shall be provided with a plug according to UNE-EN 50075:1993.</p> <p>Class I equipment provided with socket-outlets with earth contacts or which are intended to be used in locations where protection against indirect contact is required according to the wiring rules, shall be provided with a plug in accordance with standard UNE 20315:1994.</p> <p>If poly-phase equipment is provided with a supply cord with a plug, this plug shall be in accordance with UNE-EN 60309-2.</p>	NA																								
3.2.1.1	<p>In the United Kingdom, apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to BS 1363 by means of that flexible cable or cord and plug, shall be fitted with a 'standard plug' in accordance with Statutory Instrument 1768:1994 - The Plugs and Sockets etc. (Safety) Regulations 1994, unless exempted by those regulations.</p> <p>NOTE 'Standard plug' is defined in SI 1768:1994 and essentially means an approved plug conforming to BS 1363 or an approved conversion plug.</p>	NA																								
3.2.1.1	<p>In Ireland, apparatus which is fitted with a flexible cable or cord and is designed to be connected to a mains socket conforming to I.S. 411 by means of that flexible cable or cord and plug, shall be fitted with a 13 A plug in accordance with Statutory Instrument 525:1997 - National Standards Authority of Ireland (section 28) (13 A Plugs and Conversion Adaptors for Domestic Use) Regulations 1997.</p>	NA																								
3.2.4	In Switzerland , for requirements see 3.2.1.1 of this annex.	NA																								
3.2.5.1	In the United Kingdom , a power supply cord with conductor of 1,25 mm ² is allowed for equipment with a rated current over 10 A and up to and including 13 A.	NA																								

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EN 60950-1		
Clause	Requirement + Test	Verdict
3.3.4	In the United Kingdom , the range of conductor sizes of flexible cords to be accepted by terminals for equipment with a rated current of over 10A up to and including 13A is: • 1,25 mm ² to 1,5 mm ² nominal cross-sectional area.	NA
4.3.6	In the United Kingdom , the torque test is performed using a socket outlet complying with BS 1363 part 1:1995, including Amendment 1:1997 and Amendment 2:2003 and the plug part of direct plug-in equipment shall be assessed to BS 1363: Part 1, 12.1, 12.2, 12.3, 12.9, 12.11, 12.12, 12.13, 12.16 and 12.17, except that the test of 12.17 is performed at not less than 125 °C. Where the metal earth pin is replaced by an Insulated Shutter Opening Device (ISOD), the requirements of clauses 22.2 and 23 also apply.	NA
4.3.6	In Ireland , direct plug-in equipment is known as plug similar devices. Such devices shall comply with Statutory Instrument 526:1997 - National Standards Authority of Ireland (Section 28) (Electrical plugs, plug similar devices and sockets for domestic use) Regulations, 1997.	NA
5.1.7.1	In Finland, Norway and Sweden touch current measurement results exceeding 3,5 mA r.m.s. are permitted only for the following equipment: • STATIONARY PLUGGABLE EQUIPMENT TYPE A that <ul style="list-style-type: none"> ○ is intended to be used in a restricted access location where equipotential bonding has been applied, for example, in a telecommunication centre; and ○ has provision for a permanently connected protective earthing conductor ○ is provided with instructions for the installation of that conductor by a service person; • STATIONARY PLUGGABLE EQUIPMENT TYPE B; • STATIONARY PERMANENTLY CONNECTED EQUIPMENT.	NA

EN 60950-1		
Clause	Requirement + Test	Verdict
6.1.2.1	<p>In Finland, Norway and Sweden, add the following text between the first and second paragraph of the compliance clause:</p> <p>If this insulation is solid, including insulation forming part of a component, it shall at least consist of either</p> <ul style="list-style-type: none"> - two layers of thin sheet material, each of which shall pass the electric strength test below, or - one layer having a distance through insulation of at least 0,4 mm, which shall pass the electric strength test below. <p>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</p> <ul style="list-style-type: none"> - passes the tests and inspection criteria of 2.10.11 with an electric strength test of 1,5 kV multiplied by 1,6 (the electric strength test of 2.10.10 shall be performed using 1,5 kV), and - is subject to ROUTINE TESTING for electric strength during manufacturing, using a test voltage of 1,5 kV. <p>It is permitted to bridge this insulation with a capacitor complying with EN 132400:1994, subclass Y2.</p> <p>A capacitor classified Y3 according to EN 132400:1994, may bridge this insulation under the following conditions:</p> <ul style="list-style-type: none"> - the insulation requirements are satisfied by having a capacitor classified Y3 as defined by EN 132400, which in addition to the Y3 testing, is tested with an impulse test of 2,5 kV defined in EN 60950-1:2006, 6.2.2.1; - the additional testing shall be performed on all the test specimens as described in EN 132400; - the impulse test of 2,5 kV is to be performed before the endurance test in EN 132400, in the sequence of tests as described in EN 132400. 	NA
6.1.2.2	<p>In Finland, Norway and Sweden, the exclusions are applicable for permanently connected equipment, pluggable equipment Type B and equipment intended to be used in a restricted access location where equipotential bonding has been applied, e.g. in a telecommunication centre, and which has provision for a permanently connected protective earthing conductor and is provided with instructions for the installation of that conductor by a service person.</p>	NA
7.2	<p>In Finland, Norway and Sweden, for requirements see 6.1.2.1 and 6.1.2.2 of this annex.</p> <p>The term TELECOMMUNICATION NETWORK in 6.1.2 being replaced by the term CABLE DISTRIBUTION SYSTEM.</p>	NA
7.3	<p>In Norway and Sweden, there are many buildings where the screen of the coaxial cable is normally not connected to the earth in the building installation.</p>	NA
7.3	<p>In Norway, for installation conditions see EN 60728-11:2005.</p>	NA
ZC	<p>A-DEVIATIONS (informative)</p>	NA
1.5.1	<p>Sweden (Ordinance 1990:944)</p> <p>Add the following:</p> <p>NOTE In Sweden, switches containing mercury are not permitted.</p>	NA

EN 60950-1		
Clause	Requirement + Test	Verdict
1.5.1	<p>Switzerland (Ordinance on environmentally hazardous substances SR 814.081, Annex 1.7, Mercury - Annex 1.7 of SR 814.81 applies for mercury.)</p> <p>Add the following:</p> <p>NOTE In Switzerland, switches containing mercury such as thermostats, relays and level controllers are not allowed.</p>	NA
1.7.2.1	<p>Denmark (Heavy Current Regulations)</p> <p>Supply cords of Class I equipment, which is delivered without a plug, must be provided with a visible tag with the following text:</p> <p style="text-align: center;">Vigtigt! Lederen med grøn/gul isolation må kun tilsluttes en klemme mærket</p> <p style="text-align: center;"> eller </p> <p>If essential for the safety of the equipment, the tag must in addition be provided with a diagram, which shows the connection of the other conductors, or be provided with the following text:</p> <p>“For tilslutning af de øvrige ledere, se medfølgende installationsvejledning.”</p>	NA
1.7.2.1	<p>Germany (Gesetz über technische Arbeitsmittel und Verbraucherprodukte (Geräte- und Produktsicherheitsgesetz – GPSG) [Law on technical labour equipment and consumer products], of 6th January 2004, Section 2, Article 4, Clause (4), Item 2).</p> <p>If for the assurance of safety and health certain rules during use, amending or maintenance of a technical labour equipment or readymade consumer product are to be followed, a manual in German language has to be delivered when placing the product on the market.</p> <p>Of this requirement, rules for use even only by service persons are not exempted.</p>	NA
1.7.5	<p>Denmark (Heavy Current Regulations)</p> <p>With the exception of Class II equipment provided with a socket outlet in accordance with the Heavy Current Regulations, Section 107-2-D1, Standard Sheet DK 1-4a, Class II equipment shall not be fitted with socket-outlets for providing power to other equipment.</p>	NA
1.7.13	<p>Switzerland (Ordinance on chemical hazardous risk reduction SR 814.81, Annex 2.15 Batteries)</p> <p>Annex 2.15 of SR 814.81 applies for batteries.</p>	NA
5.1.7.1	<p>Denmark (Heavy Current Regulations, Chapter 707, clause 707.4)</p> <p>Touch current measurement results exceeding 3,5 mA r.m.s. are permitted only for permanently connected equipment and pluggable equipment Type B.</p>	NA

ATTACHMENTS

PHOTOGRAPHS

Photo 1



Photo 1: Overall front view of system.

Photo 2



Photo 2: Overall rear view of system.

AGENCY APPROVAL LICENSES AND COMPONENT SPECIFICATIONS

NA

INSTALLATION INSTRUCTIONS

Provided in the SDC-MCF10G User's Guide: SDC-MCF10G_UsersGuide_1_05.pdf

SCHEMATIC DIAGRAMS AND SPECS

Provided in the SDC-MCF10G User's Guide (Specs) and Block Diagram/Schematics document:

SDC-MCF10G_UsersGuide_1_05.pdf

SDC-MCF_bd_schem_Rev1.pdf

APPENDICES

APPENDIX A - CE MARK REQUIREMENTS

The amendments of Directive 93/68/EEC contain clear instructions on the use of the CE marking. Application of the CE marking indicates compliance with all applicable product Directives. During the transition period associated with many Directives, a manufacturer may find itself complying with some EC Directives, but on others, complying with pre-existing national laws. In this case, the documentation supplied with the equipment must make the basis on which conformity is declared clear by listing the Directives for which the CE marking signifies compliance.

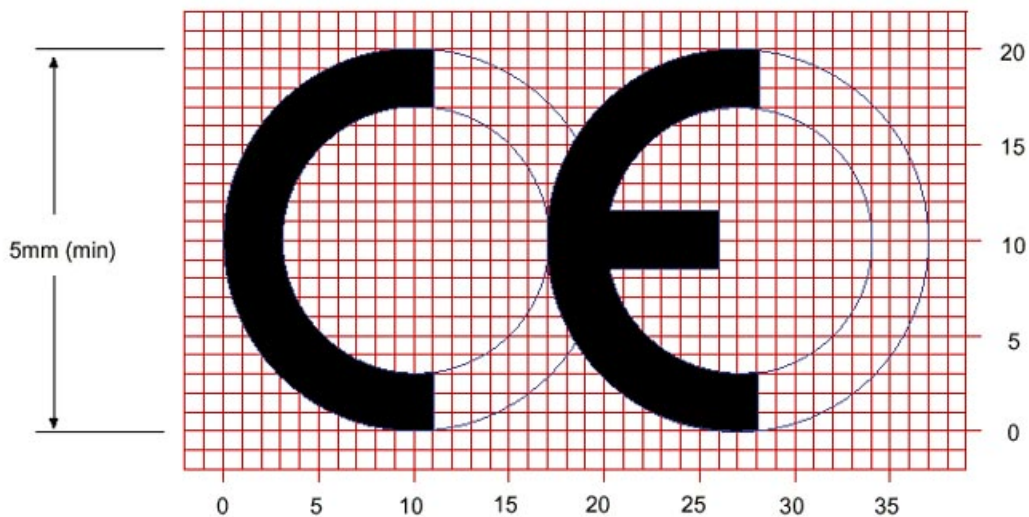
The format of the mark is regulated. The letters "CE" are drawn from two circles, laid out according to Figure 1. The vertical size may not be less than 5 mm. Normally, the mark will be placed in a visible spot on the outside of the equipment, but in cases where that is impractical, it may be included on the packaging and/or documentation.

It is important to note, that in addition to the mark itself, some Directives require that additional information accompany the mark or the Declaration of Conformity. Depending on the quality assurance module chosen, the identification number of the notified body responsible for EC surveillance of the quality system may have to be added.

The Low Voltage Directive, amended, does not require that the mark be accompanied by any additional information. However, the declaration of conformity must include the following items:

- name and address of party responsible for conformity
- description of the electrical equipment
- reference to the harmonized standards used
- where appropriate, reference to specifications with which conformity is claimed
- last two digits of the year in which the CE marking was affixed

Figure 1 - CE Mark Diagram:



APPENDIX B - SAMPLE DECLARATION OF CONFORMITY

Declaration of Conformity

Manufacturer's Name: Summit Data Communications, Inc.
Manufacturer's Address: 526 South Main Street Suite 411
Akron, OH 44311

Application of Council Directives: Low Voltage - 2006/95/EC
EMC - 2004/108/EC

Standard(s): Safety - EN 60950-1:2006
EMC -

Product Name(s): SDC-MCF10G

Product Model Number(s): SDC-MCF10G

Year in which conformity is declared: 2012

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and Standard(s).

Location: _____ Signature: _____

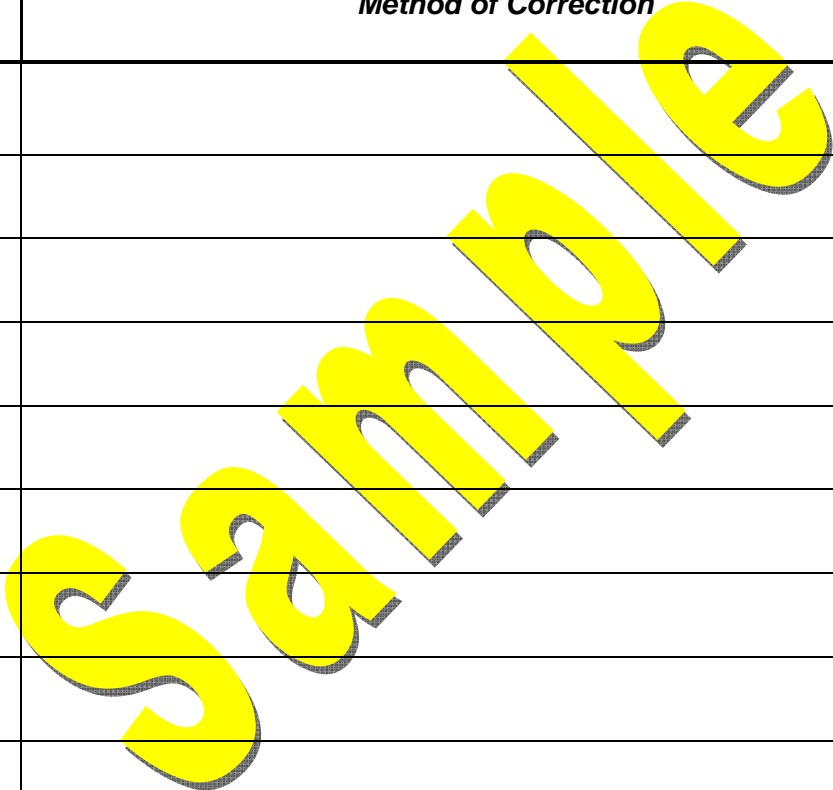
Date: _____ Full Name: _____

Position: _____

APPENDIX C - SAMPLE RESOLUTION OF NON-COMPLIANCES

Resolution of Non-Compliances

<i>Item No./Letter Date</i>	<i>Method of Correction</i>
1.	
2.	
3.	
4.	
5.	
6.	
7.	
8.	
9.	
10.	



The equipment, with the non-compliances corrected as indicated above, meets the applicable requirements of the standard.

Non-compliances verified by: _____

Print

Signature _____

Date _____

END OF REPORT