



Certificate of Compliance

Certificate: 2017436

Master Contract: 162874

Project: 70072171

Date Issued: 2016-05-24

Issued to: Fujitsu Technology Solutions GmbH
Product Compliance Center
Buergermeister-Ulrich-Str. 100
86199 Augsburg
GERMANY
Attention: Mr. Erfried Rösner

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and US Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only



Issued by: Andreas Vaith
Andreas Vaith

PRODUCTS

CLASS 3862 13 - INFORMATION TECHNOLOGY EQUIPMENT - (CSA 60950-1-07, 2nd Ed)
CLASS 3862 93 - INFORMATION TECHNOLOGY EQUIPMENT - (UL 60950-1, 2nd Ed) - Certified to US Standards

Personal computer, desktop or tower, Model TCS; rated input: 19-20Vdc, 2.0A or 3.25A with approved LPS AC/DC-Adapters, Delta, model ADP-65JH AD and ADP-40HH A.

Notes :

The model designation number(s) may be followed by any number 0 to 9 or letter A to Z or blank denoting SELV secondary circuits or minor mechanical differences.



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APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 60950-1-07,
Amendment 2: 2014 (MOD)

Information Technology Equipment – Safety – Part 1: General Requirements (Bi-national Standard, with UL 60950-1-2007, 2nd Ed.)

ANSI/UL Std No. 60950-1-2014

Information Technology Equipment – Safety – Part 1: General Requirements.

MARKINGS

The manufacturer is required to apply the following markings:

- Products shall be marked with the markings specified by the particular product standard.
- Products certified for Canada shall have all Caution and Warning markings in both English and French.

Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Nameplate adhesive label material approval information:

The nameplate may be printed in the factory using 3M Scotchmark 3690-906E or CSA accepted printing system.

Applicable, in accordance with the requirements of those authorities.

PART 1: Minimum Markings:

Marking Method: (For Minimum Markings)

☒ CSA/UL Approval adhesive nameplate (suitable for surface to which it is applied)

Required Information: (For Minimum Markings)

- ☒ The submitter's name and/or CSA Contract Number "162874"
- ☒ Model or identifying designation
- ☒ The complete electrical ratings in input volts and amperes.
- ☒ Date of manufacture, serial number or date code traceable to month and year of manufacture;
- ☒ The CSA Monogram and an appropriate indicator as applicable

☒ For Use in Canada: CSA Monogram and the optional indicator



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- “CSA 60950-1-07”
- [X] For Use in USA: CSA Monogram, “NRTL” or “US” indicator and the optional indicator “ANSI/UL 60950-1-2007”.
 - [X] For Use in Canada and the USA: CSA Monogram, “NRTL/C” or “C-US” indicator and the optional indicators “CSA 60950-1-07” and “ANSI/UL 60950-1-2007”.

Note: Bilingual Markings for products with CSA Mark or CSA Mark and the NRTL/C indicator. Jurisdiction in Canada may require these markings to be also in French. It is the responsibility of the Customer to provide bilingual markings, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the Customer to determine this requirement and have bilingual wording added to the “Markings”,



Supplement to Certificate of Compliance

Certificate: 2017436

Master Contract: 162874

*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70072171	2016-05-24	Update report to latest version of standard incl. Am2, Reduction of system boards to model D3313 and reduction of AC adapters to ADP-65JH AB and ADP-40HH A.
2699903	2014-02-11	Update report to cover addition of a new systemboard, PoE module, LPS AC/DC Adapters, and deletion of model TCS D3003.
2430082	2011-06-01	Update to add Model TSC-D3003- Upgrade Certification to Class 3862-13/93.
2195108	2009-07-06	Alternate Constructions.
2165768	2009-04-20	Master Contract name change.
2017436	2008-03-13	Original Certification.



Descriptive Report and Test Results

MASTER CONTRACT: 162874

REPORT: 2017436

PROJECT: 70072171

- Edition 1:** March 13, 2008; Project 2017436 - Toronto
Issued by Eric Wong, C.Tech.
- Edition 4:** June 1, 2011; Project 2430082 – Toronto
Issued by Eric Wong, C.Tech.
- Edition 5:** February 11, 2014; Project 2699903 – Toronto
Issued by Syed Adeel Rizvi; Reviewed by Lino Menezes, Technologist
- Edition 6:** May 24, 2016; Project 70072171 – Strasskirchen
Issued by Andreas Vaith

Report pages reissued.
Att1 Photos reissued, Added Att2 Schematics

Contents: Certificate of Compliance - Pages 1 to 3
Supplement to Certificate of Compliance – Page 1
Description and Tests - Pages 1 to 11
Att1 Photographs - Figs 1 to 11
Att2 Schematics – 1 to 4
Original Test Report (For CSA Engineering Copy only) – Pages 1 to 70
Appendix A Fujitsu test report update CER+1BU13-0178+S01
Appendix B Fujitsu test report update CER+1BU-15033-PR04-S01

PRODUCTS

CLASS 3862 13 - INFORMATION TECHNOLOGY EQUIPMENT - (CSA 60950-1-07, 2nd Ed)
CLASS 3862 93 - INFORMATION TECHNOLOGY EQUIPMENT - (UL 60950-1, 2nd Ed) - Certified to US Standards

Personal computer, desktop or tower, Model TCS; rated input: 19-20Vdc, 2.0A or 3.25A with approved LPS AC/DC-Adapters, Delta, model ADP-65JH AD and ADP-40HH A.

Notes :

The model designation number(s) may be followed by any number 0 to 9 or letter A to Z or blank denoting SELV secondary circuits or minor mechanical differences.

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Ohmstraße 1-4, 94342 Strasskirchen, Germany
Telephone: +49 9424 9481 0 Fax: +49 9424 9481 115 www.csagroup.org

Conditions of Acceptability:

All LAN connection is within same building or intra-buildings and not subjected to over voltage and over voltage due to power line crosses.

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No. 60950-1-07, Amendment 2: 2014 (MOD)	Information Technology Equipment – Safety – Part 1: General Requirements (Bi-national Standard, with UL 60950-1-2007, 2 nd Ed.)
ANSI/UL Std No. 60950-1-2014	Information Technology Equipment – Safety – Part 1: General Requirements.

MARKINGS

The manufacturer is required to apply the following markings:

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Additional bilingual markings not covered by the product standard(s) may be required by the Authorities Having Jurisdiction. It is the responsibility of the manufacturer to provide and apply these additional markings, where

The products listed are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US (indicating that products have been manufactured to the requirements of both Canadian and U.S. Standards) or with adjacent indicator 'US' for US only or without either indicator for Canada only.

Nameplate adhesive label material approval information:

The nameplate may be printed in the factory using 3M Scotchmark 3690-906E or CSA accepted printing system.

Applicable, in accordance with the requirements of those authorities.

PART 1: Minimum Markings:

Marking Method: (For Minimum Markings)

- [X] CSA/UL Approval adhesive nameplate (suitable for surface to which it is applied)

Required Information: (For Minimum Markings)

- [X] The submittor's name and/or CSA Contract Number "162874"
- [X] Model or identifying designation
- [X] The complete electrical ratings in input volts and amperes.
- [X] Date of manufacture, serial number or date code traceable to month and year of manufacture;
- [X] The CSA Monogram and an appropriate indicator as applicable
- [X] For Use in Canada: CSA Monogram and the optional indicator "CSA 60950-1-07"
- [X] For Use in USA: CSA Monogram, "NRTL" or "US" indicator and the optional indicator

“ANSI/UL 60950-1-2007”.

- [X] For Use in Canada and the USA: CSA Monogram, “NRTL/C” or “C-US” indicator and the optional indicators “CSA 60950-1-07” and “ANSI/UL 60950-1-2007”.

Note: Bilingual Markings for products with CSA Mark or CSA Mark and the NRTL/C indicator. Jurisdiction in Canada may require these markings to be also in French. It is the responsibility of the Customer to provide bilingual markings, where applicable, in accordance with the requirements of the Provincial Regulatory Authorities. It is the responsibility of the Customer to determine this requirement and have bilingual wording added to the “Markings”,

ALTERATIONS

Markings as above appear on each unit.

SPECIAL INSTRUCTIONS FOR FIELD SERVICES

1. Component descriptions marked with either the “(INT)” or “(INT*)” identifiers may be substituted with other components providing the requirements specified under the notes in the “Description” are complied with.

FACTORY TESTS

No tests are required. Subject model supplied by Limited Power Source, Approved Type Power Adapter Only.

COMPONENT SPECIAL PICKUP

1. Component descriptions marked with the identifier “(CT)” are subject to annual pickup and Conformity Testing.

DESCRIPTION

Notes:

1. Component Substitution
 - a) Critical components (those identified by mfr name, cat no), which are NOT identified with either "INT" or "INT*" are not eligible for substitution without evaluation and report updating
 - b) The term "INT" means a "Certified" and/or "Listed" (or a "Recognized" and/or "Accepted") component may be replaced by one "Certified" and/or "Listed" by another certification organization accredited by the appropriate accreditation body or scheme requirements to the correct standard, for the same application; providing the applicable country identifiers are included and requirements in item "d" below are complied with.
 - c) The Term "INT*" means a "Recognized" and/or "Accepted" component may be replaced by one "Recognized" and/or "Accepted" by another certification organization accredited by the appropriate accreditation body or scheme requirements to the correct standard, for the same application, providing the applicable country identifiers are included, the component is **also** CSA Certified, the requirements in item "d" below are complied with and any "conditions of suitability" for the component (as recorded in this descriptive report) are complied with.
 - d) Components which have been substituted, must be of an equivalent rating, configuration (size, orientation, mounting) and the applicable minimum creepage and clearance distances are to be maintained from live parts to bonded metal parts and secondary parts.
 - e) Substitution of a "Certified" and/or "Listed" component with a component that is "Recognized" or "Accepted" is not permitted without evaluation and report updating.

Model: TCS

The equipment is a thin client computer which is used as a desktop or as a tower. The system itself may consists of a system board, WLAN module and optional with a slot board (e.g. additional graphic controller), a card reader, PoE module (D2927) and a hard disk drive. There is an operator removable cover in the external enclosure and area inside the enclosure is considered as operator access area.

The equipment is powered by SELV via AC/DC adapters which are certified as limited power source or optional via the PoE module (D2927). The used AC adapters have to fulfill the requirements of LPS according IEC60950-1. The POE module is only considered as in-house-LAN.

- (a) Type of Equipment: Stand-alone Equipment, desktop or tower
- (b) Class of Equipment: Class III
- (c) Connection to Supply: Dedicated Limited Power Source, AC/DC power adapter.
- (d) Type of Power System: SELV
- (e) Mobility: Moveable
- (f) Weight of Equipment: max. 1.6 kg
- (g) Pollution Degree: 2
- (h) Maximum Rated Ambient Temperature: 35 Deg C
- (i) Accessory: Not applicable

- (j) Installation: May be installed by the user in accordance with the installation instructions provided with the equipment.
- (k) The PoE module (D2927) is only considered LAN for indoor use only.

Approvals Codes

C	=	CSA Certified and suitable for the application
C*, Labelled*	=	CSA Certified with the CSA Monogram on the component and suitable for the application.
cUS	=	CSA Certified to CSA/US requirements and suitable for the application
(NRTL/C)		
US	=	CSA Certified to US requirements and suitable to the application
(NRTL)		
UL	=	UL Listed equipment/sub-system and suitable for the application
UR	=	UL Recognized component/sub-system and suitable for the application. ("R" in "UR" is printed in reverse on actual label).
cUL	=	UL Listed equipment/sub-system to CSA requirements and suitable for the application.
cUR	=	UL Recognized component/sub-system to CSA requirements and suitable for the application. ("R" in "UR" is printed in reverse on actual label).
B	=	BSI Certified and suitable for the application.
D	=	DEMKO Certified and suitable to the application
FI	=	Finland Certified and suitable for the application.
N	=	NEMKO Certified and suitable for the application.
S	=	SEMKO Certified and suitable for the application.
SEV	=	SEV Certified and suitable for the application.
T	=	TUV Certified and suitable for the application.
V	=	VDE Certified and suitable for the application.

1. Enclosure

The metal chassis does not fulfill the requirements of fire enclosure. The equipment is supplied by an AC/DC adapter which fulfills limited power source.

Tower or desktop: Measures overall 51mm wide by max. 250mm high by 191mm deep (without stand)

a) Chassis: Plated/painted/anodized sheet steel, 0.8mm thick.

Front and rear are provided with cutouts for connectors and operator accessible drives.

No bare shock or energy hazard electrical parts within the equipment.

Tower or desktop position (without decorative plastic):

Top / left / right side:

Numerous openings dia. 2.0mm (see attached photos)

Front side:

One slot 66mm*8mm, four openings dia. 5mm, three openings dia. 3mm

Rear side:

No openings

Bottom side:

Thickness of metal bottom: 0.8mm
Numerous openings dia. 2.0mm (see attached photos)

- b) Side Cover: Plated/painted/anodized sheet steel, 0.8mm thick. Secured to chassis by a locking device.
- c) Front Cover: molded plastic (decorative plastic), rated min 94HB. Secured to chassis by screws.
Material: PH88, manufactured by CHI MEI

2. Supply by AC/DC adapter which fulfill limited power source:

Approval marks: (cULus)
Type: LPS
Manufactured by: Delta
Brand: Fujitsu
Cat/Model No.: ADP-65JH AD
Certified to: IEC 60950-1 2nd Ed., CSA 60950-1-07 2nd Ed., UL 60950-1, 2nd Ed.
AC-Input: 100-240V, 1.5A, 50-60Hz
DC-Output: +20V, 3.25A

Approval marks: (cULus)
Type: LPS
Manufactured by: Delta
Brand: Fujitsu
Cat/Model No.: ADP-40HH A
Certified to: IEC 60950-1 2nd Ed., CSA 60950-1-07 2nd Ed., UL 60950-1, 2nd Ed.
AC-Input: 100-240V, 1.1A, 50-60Hz
DC-Output: +19V, 2.1A

3. Drives: One provided, may be any combination of the following or equivalent alternatives within the limitations of the load limit as described above:

(INT) Hard Disc Drive (Fixed Type): - Optional -(C, UL)
Manufactured By: Hitachi
Cat/Model/Type No: HTS54016B9A300
Electrical Rating: 5V up to 0.7A

4. Equipment connected to Telecommunication Network: - Optional - (C, UL, UR)

Note: IT-Equipment used outside Canada and USA may be provided with an add-on interface card for connection to telecommunication networks provided this add-on interface card and CSA Certified equipment combination is acceptable to the authorities in the country of usage. Such add-on interface card and CSA Certified equipment combination has not been investigated by CSA and is not part of the Certification.

5. Printed Circuit Board: Up to 3 provided. All PWBs are rated 94V-1.
One slot provided for user personnel Add-on (plug-in) card.

6. Secondary Wiring Protection: All outputs other than logic level signals are provided with current limiting devices to meet the requirements of the standard.

Location: Output voltage up to 20 V dc

Device: Fuse: (C, UL,UR), rated max 5 A, min 20 V
PTC: (C, UL,UR or specific types e.g. MINISMDC200 are accepted.)
max $I_{trip} = 8.0A$ after 5sec of operation.

7. Batteries: (UL,UR) Non -rechargeable, Lithium type - operator replaceable. One provided. Only specific types e.g. CR2032 or CR2450 or equivalent and protection circuits are accepted.

8. Smart card reader: Optional – (C, UL,UR)

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⁾
AC/DC adapter	Delta Electronics	ADP-65JH AB	100-240V, 1.5A,50-60Hz Out:19V, 3.42A	IEC60950-1, 2 nd Amd. 1 + Amd. 2 GB4943.1	cULus, CCC, TÜVRh
AC/DC adapter	Delta Electronics	ADP-40HH A	100-240V, 1.1A,50-60Hz Out:19V, 2.1A	IEC60950-1, 2 nd Amd. 1 + Amd. 2 GB4943.1	cULus, CCC, TÜVRh
PCB-material up to 3 pcs.	Various	Various	Min. V-1, min. 105°C	UL94	UR
System board alternate	Fujitsu	D3313	Min. V-1, min 105°C	UL94	-
	various	various	Min. V-1, min 105°C	UL94	-
Lithium battery) alternate	KTS (VIC-DAWN)	CR2032	210mAh / 10 mA ²⁾	UL1642 IEC60086-4	UR (MH20550)
	FDK Energy	CR2032	220mAh / 10 mA ²⁾	UL1642 IEC60086-4	UR (MH13421)
Hard Disk Drive optional	Hitachi or equivalent	HTS54016B9A300 or equivalent	5V up to 0.7A	IEC60950-1	TÜV, cURus
Protective device for secondary (SELV) outputs					
PTC *)	Tyco (Raychem)	miniSMDC200	2.0A / 4.0A ³⁾	IEC60730-1 UL 1434	UR (E74889)
alternate	Bourns	MF-MSMF200-2	2.0A / 4.0A ³⁾	IEC60730-1 UL 1434	UR (E174545)
alternate	Tyco (Raychem)	nanoSMDC075F	0.75A / 1.5A ³⁾	IEC60730-1 UL 1434	UR (E74889)

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⁾	
alternate	Bourns	MF-NSMF075	0.75A / 1.5A ³⁾	IEC60730-1 UL 1434	UR (E174545)	
Integrated circuit	Richtek	RT9731.	0.38-2.2A, 2.5-5-5V ⁵⁾	IEC60950-1 UL2367	UR (E219878)	
Internal wiring	Various	—	Min V-2 or PVC, TFE, PTFE, FEP and neoprene insulation	UL94	UL	
Internal plastics	Various	Various	Min V-2, HF-2 or VTM-2, except small parts	UL94	UR	
Enclosure-material	Metal enclosure and decorative plastics	— —	— Min 94HB	— UL94	— UR	
Optional PoE module (D2927)						
LAN connector	CompuPack or equivalent	R-RT5-1950K24F or equivalent	Plastic housing Min. V1, min. 70°C	IEC60950-1 : 2005	Tested in the equipment	
Transformer 920T10	Wuerth Elektronik	750370045	1.5kVac UL94V-0	IEC60950-1 : 2005	Tested in the equipment	
Opto coupler 920N80 920N81 920N70	Vishay	TCMT1105 series	Cl.: 5mm Cr.: 5mm Insul. 0.4mm	IEC60950-1 : 2005 UL1577	FI, UR	
Supplementary information:						
*) The batteries as well the PTCs are used in all system boards.						
1) An asterisk indicates a mark which assures the agreed level of surveillance.						
2) Max. abnormal charging current.						
3) I _{hold} / I _{trip}						
4) Only responsible for cooling the processor.						
5) Data from CB certificate						

TEST HISTORY

The following applicable tests were conducted with satisfactory results.

Detailed test results are on file at CSA International under Master Contract 162874. Project 2017436.

LIST OF TESTS CONDUCTED

Tests Conducted (marked with a "C")	Clause	Description
The following tests are applicable to the majority of IT/Power Supply Products:		
C	1.6.2	Power Interface (Input) Test
C	4.5.1	Heating Test
C	1.7.13	Marking Durability
C	4.1.1	Physical Stability Test
C	4.2.2-4.2.5	Mechanical Strength and Stress Relief
C	4.3.8	Lithium Battery (Reverse/Charging Current Measurement)
C	5.3	Abnormal – Component Failure (System)
C	5.3.6	Overload Test (Operator Accessible Connectors)
C	2.5	Limited Power Sources

Project 2165768

Certificate updated to cover client's name change.

Project 2195108

Update with two alternate AC adapters Delta, ADP-65JH AD and Lite-On., PA-1650-65, since both AC-Adapters` outputs are rated at +20Vdc, 3.25A and had been evaluated to Limited Power Source, no tests were deemed necessary.

Project 2430082

Update to add Part B, Model TCS-D3003.

Upgrade report to CSA 60950-1 2nd edition.

Alternative Power supplies non compliant with CSA 60950-1 2nd edition removed from report.

Below applicable tests were conducted with satisfactory results at Fujitsu Technology Solutions GmbH in Augsburg, Germany in April 2011 under CSA Category Program.

Report pages revised. Figures 8 to 10 added.

Detailed test results are on file at CSA International under Master Contract 162874. Project 2430082

Tests Conducted (marked with a "C")	Clause	Description
The following tests are applicable to the majority of IT/Power Supply Products:		
C	1.6.2	Power Interface (Input) Test
C	2.5	Limited Power Source

Project 2699903

The following changes were made in this report update:

1. Added alternate system board D3313 to "List of critical components". An alternate design will be used.
2. Added New alternate AC adapter ADP-40PH AD, ADP-40HH A and A11-065N5A. Adapters that are no longer in use have been deleted.
3. Addition of optional powered by a PoE module (D2927) and reducing types of used AC adapters.
4. Deletion of Model TCS-D3003.

Below applicable tests were conducted with satisfactory results at Fujitsu Technology Solutions GmbH in Augsburg, Germany in December 2013 under CSA Category Program. Details of test results are in Appendix A Fujitsu test report update CER+1BU13-0178+S01 stored in documentum.

Tests Conducted (marked with a "C")	Clause	Description
The following tests are applicable to the majority of IT/Power Supply Products:		
C	1.6.2	Power Interface (Input) Test
C	1.7.13	Marking Durability
C	2.2	Evaluation of voltage limiting components in SELV circuits
C	2.5	Limited Power Sources
C	2.10.2	Working voltage measurement
C	4.3.8	Lithium Battery (Reverse/Charging Current Measurement)
C	4.1.1	Physical Stability Test
C	4.2.2-4.2.5	Mechanical Strength and Stress Relief
C	4.5.	Heating Test
C	5.2.	Electric strength tests on the PoE module (D2927)
C	5.3	Temperature and Abnormal – Component Failure (System)

Project 70072171

The following changes were made in this report update:

1. Report update to Amendment 2 of CSA/UL 60950-1
2. Reduction of system boards to model D3313
3. Reduction of AC adapters to ADP-65JH AB and ADP-40HH A

The following applicable tests were conducted with satisfactory results at Fujitsu Technology Solutions GmbH in Augsburg, Germany on March 2016 with test report No. CER+1BU-15033-PR04-S01.

Tests Conducted (marked with a "C")	Clause	Description
The following tests are applicable to the majority of IT/Power Supply Products:		
C	1.6.2	Power Interface (Input) Test
C	1.7.11	Marking Durability
C	2.2	Evaluation of voltage limiting components in SELV circuits
C	2.4	Limited Current
C	2.5	Limited Power Sources
C	2.10.2	Working voltage measurement
C	4.3.8	Lithium Battery (Reverse/Charging Current Measurement)
C	4.5.	Heating Test
C	5.2.	Electric strength tests on the PoE module (D2927)
C	5.3	Temperature and Abnormal – Component Failure (System)

---End of Report---

Model: TCS

162874-2017436

Photos Att 1 - 1

Old design

Tower version - front view



Model: TCS

162874-2017436

Photos Att 1 - 2

Back view

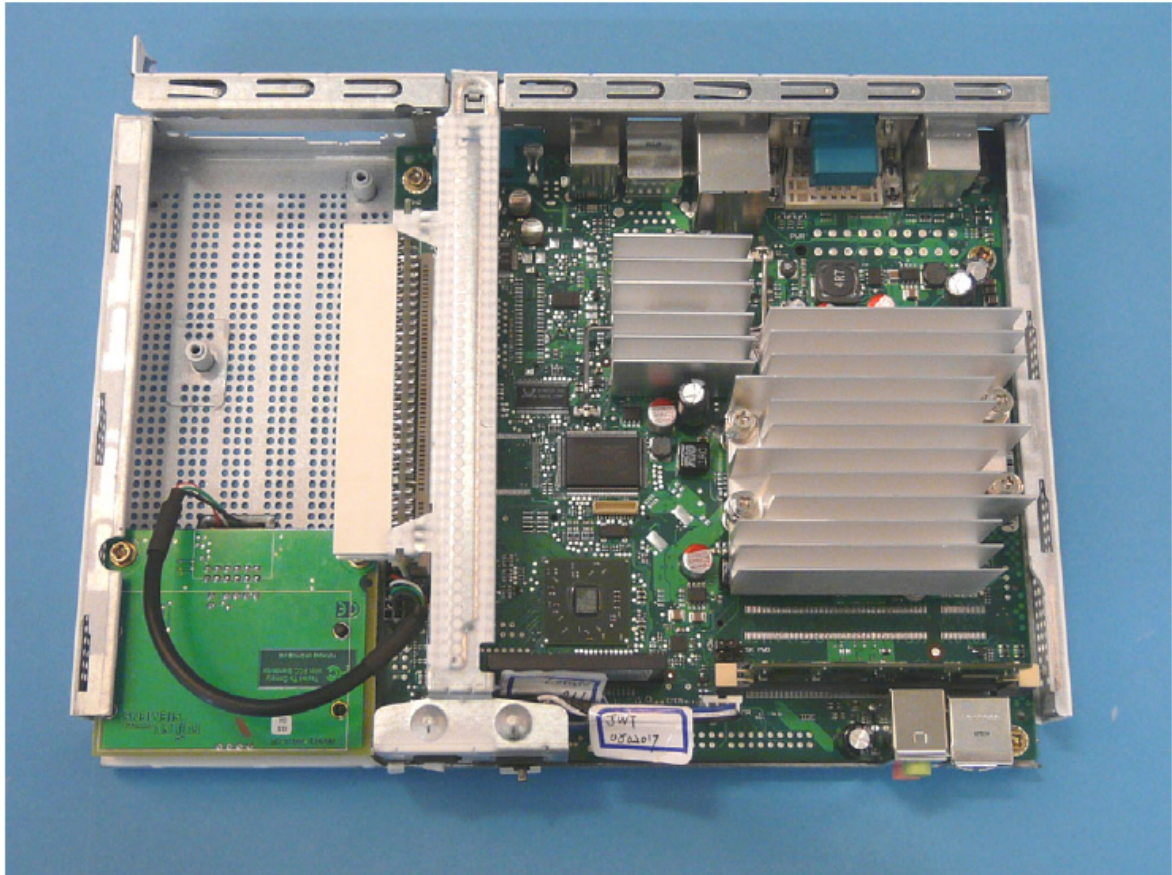


Model: TCS

162874-2017436

Photos Att 1 - 3

Internal view



Model: TCS

162874-2017436

Photos Att 1 - 4

New design

Tower version - front view

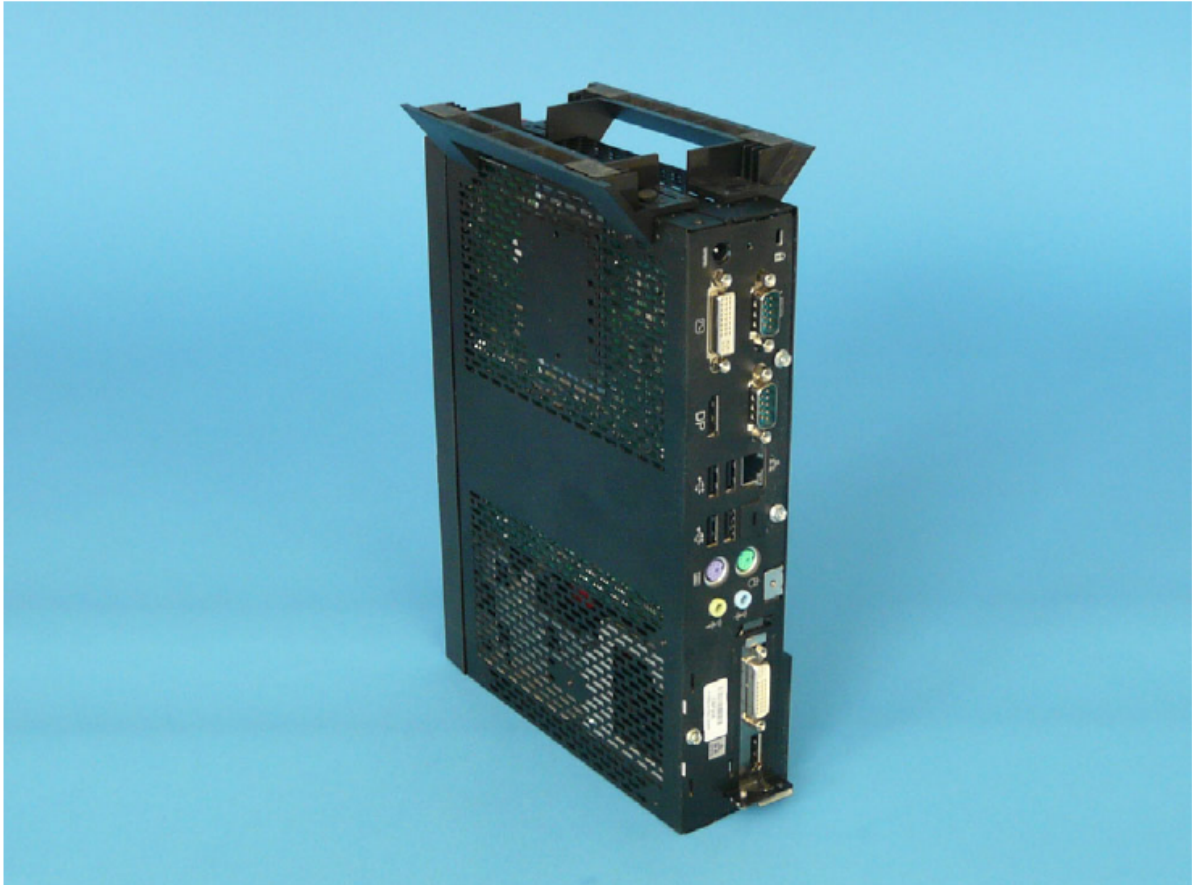


Model: TCS

162874-2017436

Photos Att 1 - 5

Back view



Model: TCS

162874-2017436

Photos Att 1 - 6

Internal view

Variant with optional slot board



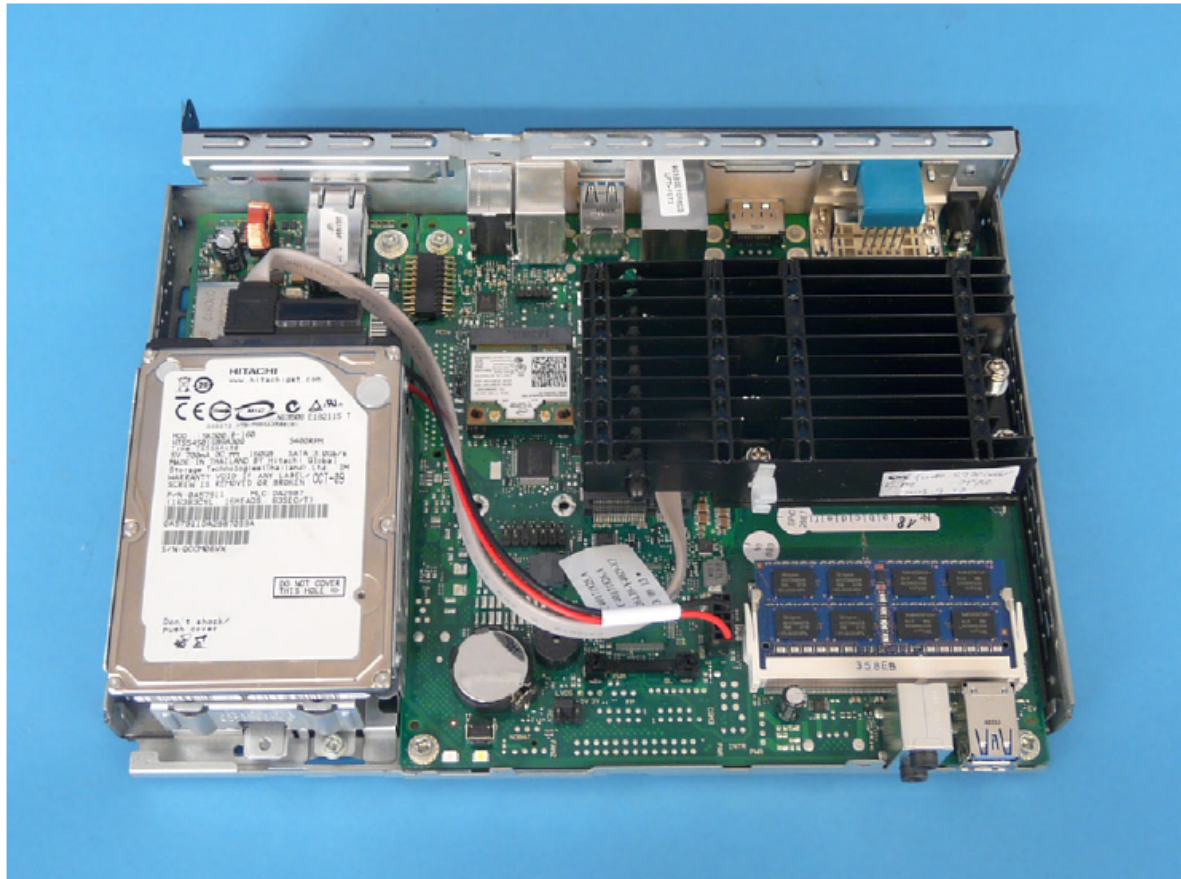
Model: TCS

162874-2017436

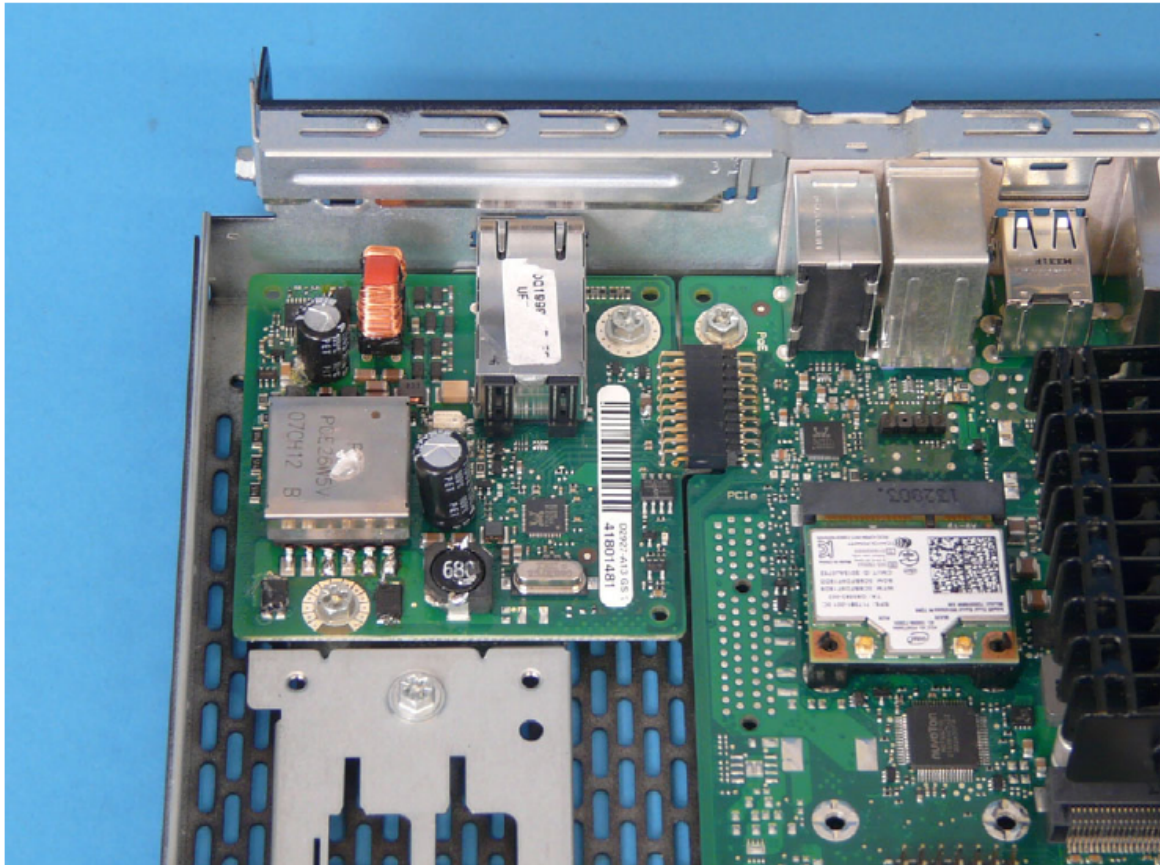
Photos Att 1 - 7

Internal view

Variant with optional HDD drive



Internal view to optional PoE module

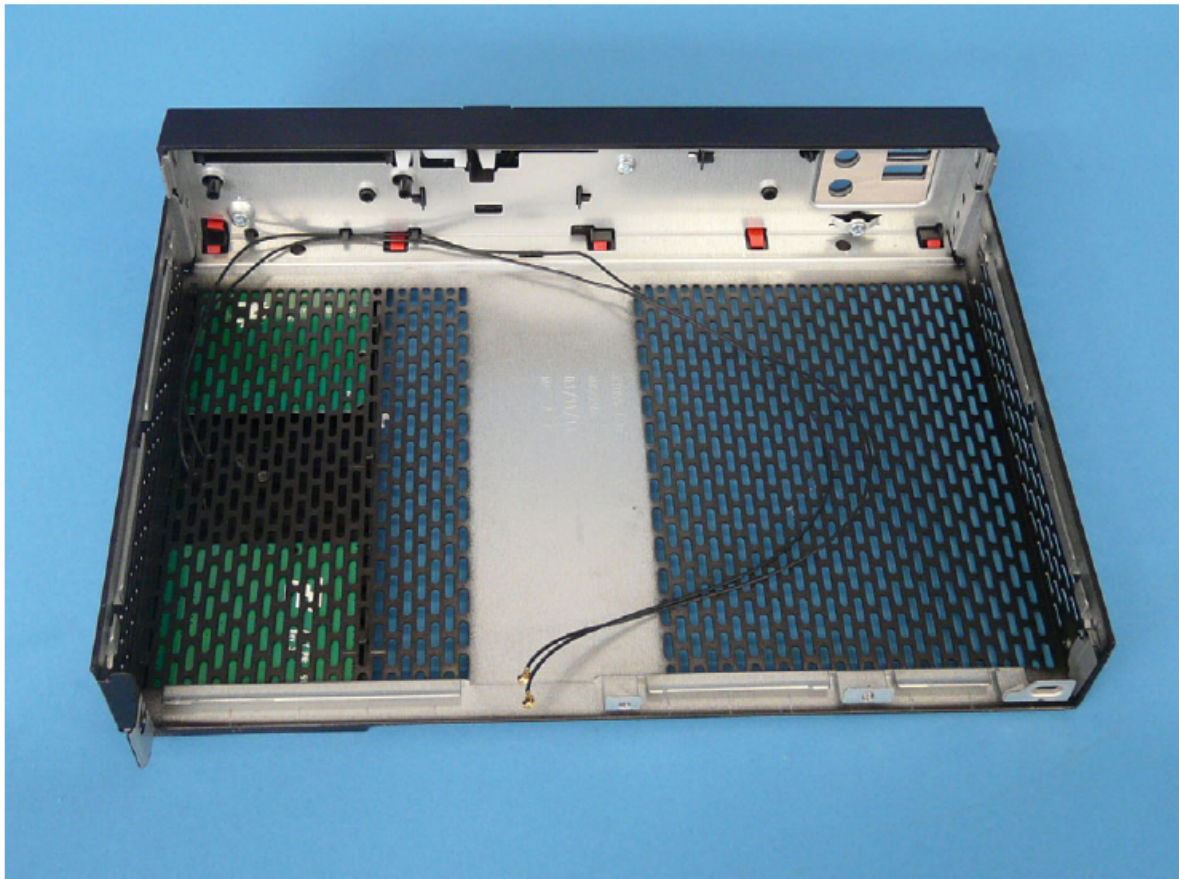


Model: TCS

162874-2017436

Photos Att 1 - 9

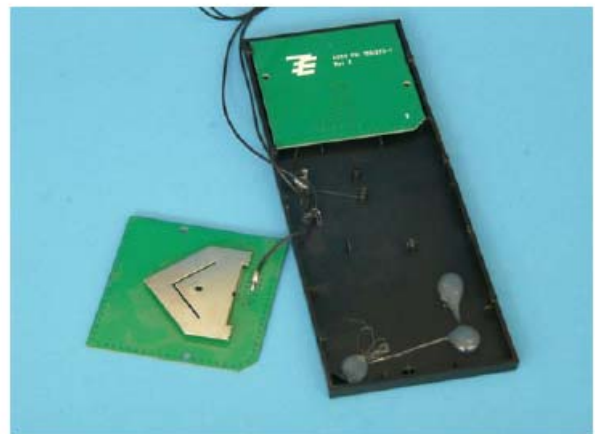
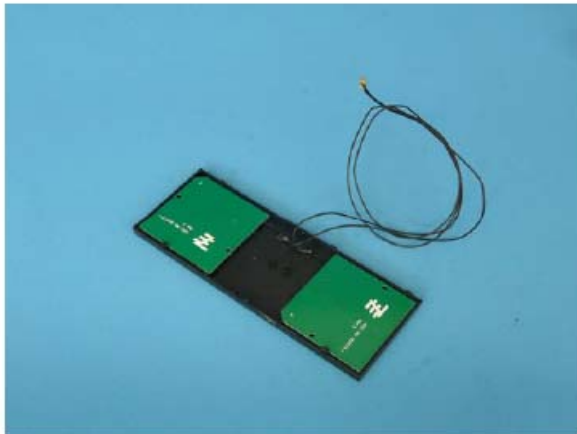
View to WLAN antenna module



Model: TCS

162874-2017436

Photos Att 1 - 10



New Power Supply – Rating Label

FUJITSU TÜV RT 
 富士通株式会社

Fujitsu Technology Solutions part number : S26113-E557-V55-01
AC/DC ADAPTER (电源适配器/交换式电源供应器)
 MODEL (型号/型号): ADP-65JH AD
 INPUT (输入/输入): 100-240V ~ 1.5A(1,5A) 50-60Hz LPS
 OUTPUT (输出/输出): 20V --- 3.25A(3,25A) 
PRECAUCION PARA USO CON EQUIPOS DE TECNOLOGIA DE LA INFORMACION 
 仅适用于海拔2000m以下地区安全使用
 Contact address in EU:
 Fujitsu Technology Solutions GmbH
 Mies-van-der-Rohe-Strasse 8, 80807 Munich, Germany

  R33030

4T18  E131881
 c  US
LISTED
 ITE POWER SUPPLY

V85 NOM  NYCE

 N17908

 10

 **SAFETY MARK**

   AR46 090579-11

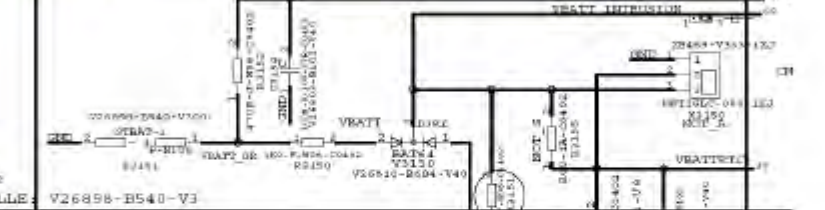

 직류전원장치 AC/DC ADAPTER
 KTC HU10104-8218

Mfr.Name : DELTA ELECTRONICS (JIANGSU) LTD.
 A/S Center : 1544-7777

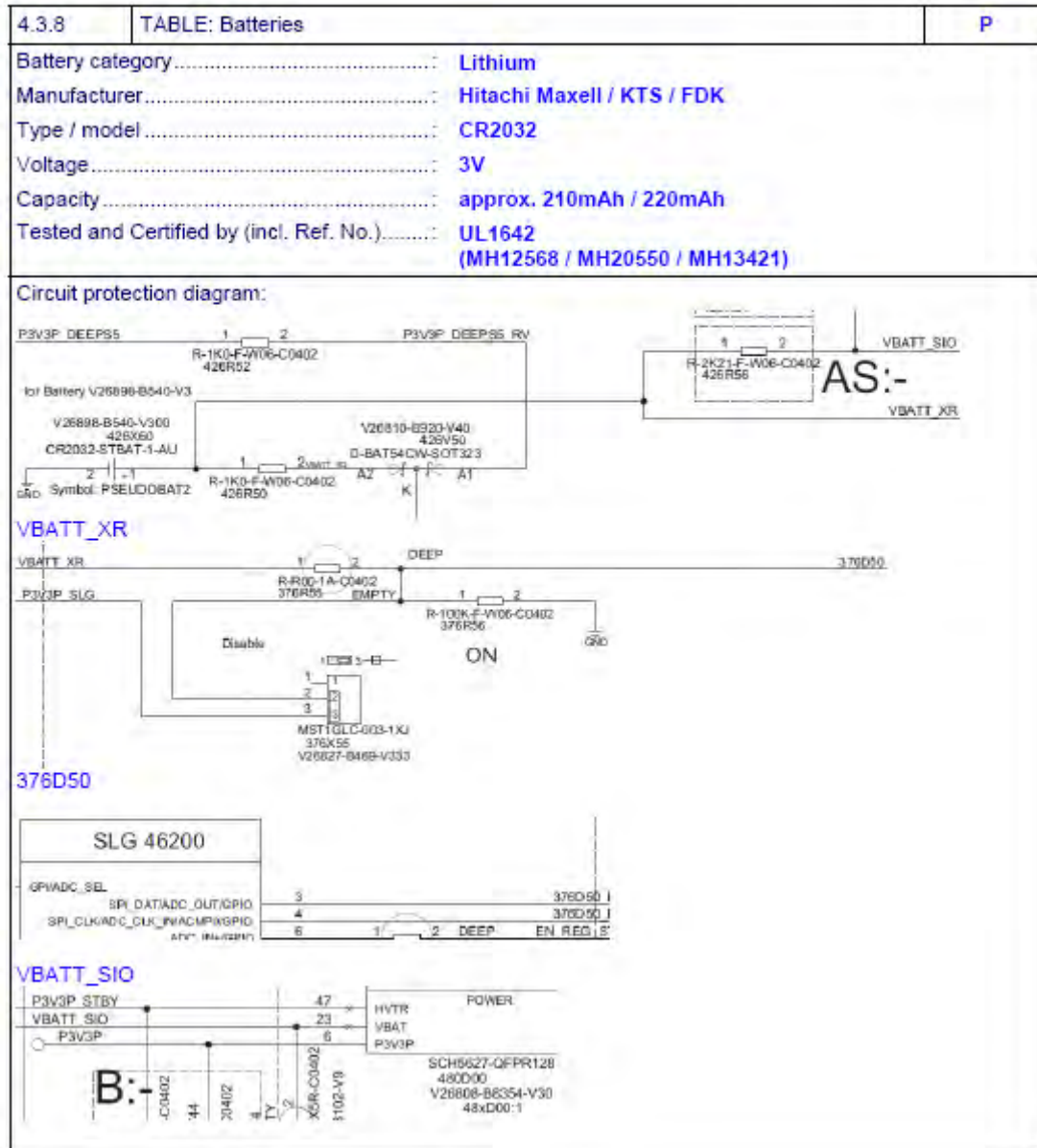


制造商: 台达电子工业股份有限公司 DELTA ELECTRONICS, INC.
 NUR FÜR DEN EINSATZ IN INNENRÄUMEN.
 NICHT FÜR DEN EINSATZ IN FEUCHTER UMGEBUNG GEEIGNET.
 GEFAHR EINES ELEKTRISCHEN SCHLAGES!
 FOR INDOOR USE ONLY.
 RISK OF ELECTRICAL SHOCK. 
 DRY LOCATION USE ONLY.
 SHOCK HAZARD — DO NOT OPEN. DCWP ~

D2963-S

4.3.8	TABLE: Batteries	P
Battery category.....	Lithium	
Manufacturer.....	Hitachi Maxell / KTS / FDK	
Type / model.....	CR2032	
Voltage.....	3V	
Capacity.....	approx. 210mAh / 220mAh	
Tested and Certified by (incl. Ref. No.).....	UL1642 (MH12568 / MH20550 / MH13421)	
Circuit protection diagram:		
VBATT_SIO		
MARKINGS AND INSTRUCTIONS (1.7.12, 1.7.15)		
Location of replaceable battery	On the system board	
Close to the battery	Language(s): see cl. 1.7.13 of test report	
In the servicing instructions		
In the operating instructions		

D3003



MARKINGS AND INSTRUCTIONS (1.7.12, 1.7.15)

Location of replaceable battery	On the system board
	Language(s): see cl. 1.7.13 of test report
Close to the battery	-
In the servicing instructions	Yes
In the operating instructions	Yes

D3313

4.3.8	TABLE: Batteries	P
Battery category.....	Lithium	
Manufacturer.....	Hitachi Maxell / KTS / FDK	
Type / model.....	CR2032	
Voltage.....	3V	
Capacity.....	approx. 210mAh / 220mAh	
Tested and Certified by (incl. Ref. No.).....	UL1642 (MH12568 / MH20550 / MH13421)	
Circuit protection diagram:		
VBATT_SIO		
VBATT_SIO_SMC		
MARKINGS AND INSTRUCTIONS (1.7.12, 1.7.15)		
Location of replaceable battery	On the system board	
	Language(s): see cl. 1.7.13 of test report	
Close to the battery	-	
In the servicing instructions	Yes	
In the operating instructions	Yes	