



CSA INTERNATIONAL

Certificate of Compliance

Certificate: 1921911

Master Contract: 184238

Project: 1921911

Date Issued: 2008/01/25

Issued to: Theo Benning Elektrotechnik und

Elektronik GmbH & Co. KG
Munsterstrasse 135-137
Bocholt, 46397
Germany
Attention: na

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US'



Issued by: Patrick Richard, T.P.

Authorized by: Helene Vaillancourt,
Operations Manager

PRODUCTS

CLASS 5311 07 - POWER SUPPLIES - Component Type - (CSA 60950-1-03)

CLASS 5311 87 - POWER SUPPLIES - Component Type - Certified to US Stds. - (CSA 60950-1-03/UL 60950-1, First Edition, NRTL Program)

Switching mode power supply unit for building-in* Class I (grounded), Model and rating as followed:

- Tebevert 5000 G48E120/41.7/2...3rfg-PWE;

DC input Voltage: 48Vdc+20%/-15%, 113.2 A (max);

AC Output Voltage: 120Vac, 50/60 Hz; max. 41.7 A;

The 'C' and 'US' indicators adjacent to the CSA Mark signify that the product has been evaluated to the applicable CSA and ANSI/UL Standards, for use in Canada and the U.S., respectively. This 'US' indicator includes products eligible to bear the 'NRTL' indicator. NRTL, i.e. National Recognized Testing Laboratory, is a designation granted by the U.S. Occupational Safety and Health Administration (OSHA) to laboratories which have been recognized to perform certification to U.S. Standards.



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- Tebevert 5000 G48E230/21.7/2...3rfg-PWE.

DC input Voltage: 48Vdc+20%/-15%, 111 A (max);

AC Output Voltage: 230/240Vac, 50/60 Hz; max. 21.7A;

- Tebevert 5000 G48E240/20.8/2...3rfg-PWE.

DC input Voltage: 48Vdc+20%/-15%, 111 A (max);

AC Output Voltage: 240Vac, 50/60 Hz; max. 20.8 A;

- Tebevert 5000 G120E120/41.7/2...3rfg-PWE.

DC input Voltage: 120Vdc+20%/-15%, 43.7 A (max);

AC Output Voltage: 120Vac, 50/60 Hz; max. 41.7 A.

Notes(*):

- The unit was evaluated as component where the suitability of the combination must be determined with the end use product;
- The equipment has been evaluated for use in a Pollution Degree 2 and over voltage category II environment and a maximum altitude of 2000 m.
- The product was evaluated for a maximum ambient of 40°C.
- This equipment is intended to be part of a UPS system which will be covered under CSA 107.3 and UL1778.

CSA 60950-1-03/UL 60950-1, 1st Edition DESIGN MANUAL, Version 1.0

IS AN INTEGRAL PART OF THIS REPORT

APPLICABLE REQUIREMENTS

CAN/CSA-C22.2 No 60950-1-03 - Safety of Information Technology Equipment

UL Std No 60950-1, 1st Ed - Safety of Information Technology Equipment