

File E135493  
Project 03ME03912

2003-03-14

REPORT

on

COMPONENT-POWER SUPPLIES

Vicor Corporation  
Andover, MA

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## DESCRIPTION

## PRODUCT COVERED:

USR, CNR: Component - Harmonic Attenuation Module, Model MiniHAM1xyyy.

## GENERAL CHARACTER AND USE:

\* This product is a passive harmonic current attenuation module. It is provided with input and output terminals for connection to the end use equipment (designed for building-in). The component has been investigated to **UL 60950-1, Second Edition, 2007-03-27 (Information Technology Equipment - Safety - Part 1: General Requirements) CSA C22.2 No. 60950-1-07, Second Edition, 2007-03 (Information Technology Equipment - Safety - Part 1: General Requirements)**.

## NOMENCLATURE BREAKDOWN:

MiniHAM1xyyy

x = Product Grade C or T

E = -10 °C to +100 °C

C = -20 °C to +100 °C

T = -40 °C to +100 °C

H = -40 °C to +100 °C

M = -55 °C to +100 °C

Yyy = Optional, non safety related, any alpha-numeric combination or blanks.

## ELECTRICAL RATINGS:

Input / Output : 375 V dc, 3.75 A

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

For use only in or with equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - When installed in the end-use equipment, the following are among the considerations to be made.

- \*1. These components have been judged on the basis of the required spacing in the Standard for Information Technology Equipment, **UL 60950-1, 2nd Edition, 2007-03-27 (Information Technology Equipment - Safety - Part 1: General Requirements)** CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03 **(Information Technology Equipment - Safety - Part 1: General Requirements)**.
2. The component should be installed in compliance with the enclosure, mounting, spacing, casualty, and segregation requirements of the ultimate application.
3. The input and output terminals are not acceptable for field connections and are only intended for connection to a suitable mating connector or PWB in the end-use equipment.
4. The baseplate temperature should be measured in the end product and should not exceed 100°C.
5. When baseplate is accessible, ground baseplate to earth/chassis ground in end-product.

Special Considerations - The following items are considerations that were used when evaluating this product.

The equipment is designed for building-in.

\* USR/CNR, indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, **UL 60950-1, 2nd Edition, 2007-03-27 (Information Technology Equipment - Safety - Part 1: General Requirements)** CSA C22.2 No. 60950-1-07, 2nd Edition, 2007-03 **(Information Technology Equipment - Safety - Part 1: General Requirements)**.