

File E186249
Project 03CA17656

Issued: July 7, 2003
Revised: March 03, 2006

REPORT

On

COMPONENT - POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIPMENT
*

Astec International Limited Philippines Branch
Quezon City 1110, Philippines

Copyright © 2006 Underwriters Laboratories Inc.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce this Report provided it is reproduced in its entirety.

Underwriters Laboratories Inc. authorizes the above-named company to reproduce the latest pages of that portion of this Report consisting of this Cover Page through Page 2.

DESCRIPTION

PRODUCT COVERED:

USR, CNR Component - Switching Power Supplies, Models AIF04ZPFC-01 or AIF04ZPFC-02 for use in Information Technology Equipment.

ELECTRICAL RATINGS:

MODELS	INPUT	OUTPUT
AIF04ZPFC-01 or AIF04ZPFC-02	AC 100 - 120 V / AC 200 - 240 V A MAX.50/60 Hz	13.5 DC +380 V

Maximum output power of 1000 W at AC 100-120 V input. Maximum output power of 1600 W at AC 200-240 V input.

ENGINEERING CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

General - The units are for use in products where the acceptability of the combination is determined by Underwriters Laboratories Inc.

*Both USR and CNR indicate investigation to the Standard for Safety of Information Technology Equipment, **CAN/CSA-C22.2 No. 60950-1-07, Second Edition, including revisions through revision date March 27, 2007 & UL 60950-1, Second Edition, including revisions through revision date March 27, 2007**

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

- *1. These power supplies have been judged on the basis of the required creepages and clearances in the First Edition of the Standard for Safety of Information and Technology Equipment, , which covers the end-use product for which the component was designed. The functional insulations have been evaluated by conducting Component Failure Test per sub-clause 5.3.4 (C) of **CAN/CSA-C22.2 No. 60950-1-07, Second Edition, including revisions through revision date March 27, 2007 & UL 60950-1, Second Edition, including revisions through revision date March 27, 2007**
- *2. These power supplies have been evaluated for use in Class I equipment as defined in **CAN/CSA-C22.2 No. 60950-1-07, Second Edition, including revisions through revision date March 27, 2007 & UL 60950-1, Second Edition, including revisions through revision date March 27, 2007** and must be properly earthed or bonded to earth ground in the end-use.
3. These power supplies have been evaluated for use with a maximum baseplate temperature of 100°C.

and Report

1. These products have no in-line fuse. The end product must provide for protection a fuse (JDYX), Bussmann, Type ABC, rated 15 A, 250 V.
2. A suitable enclosures shall be provided by end-use equipment.
3. A readily accessible disconnect device shall be incorporated in the end product supplying input power to these power supplies.
4. The output of these power supplies is considered Energy Hazard. During operation, the operator must not touch this voltage.
5. These power supplies have only been evaluated for use in pollution degree 1 or 2 environment.
6. The subject products are not intended to be repaired by service personnel in case of failure or component defect (unit can be thrown away).
7. These products maintain basic insulation between input circuits and baseplate.
8. The output of power supplies is considered hazardous voltage.