File E132002	Vol.	3	Sec. 5	Page 1	Issued:	1995-01-20
	Vol.	9	Sec. 1		Revised:	2011-07-29
			and Report			

## DESCRIPTION

## GENERAL:

USR/CNR Component - Power Supply for use in information technology equipment, including Electrical Business Equipment.

MODEL	PSCL	INSULATION SYSTEM	
		CC	CLASS
*LPT62, LPT63, LPT64 *LPS62, LPS63, LPS64, LPS65	420-61001430 Issue <b>19</b> 420-61001330 Issue <b>18</b>	T1 T1	F F
AE60-4200	420-51999999 Issue 2 and 420-61001430 Issue 13	T1	F

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

Both USR and CNR indicate investigation to the Standard for Safety of Information Technology Equipment, UL 60950-1, Second Edition and CAN/CSA-C22.2 No.60950-1-07, Second Edition.

File E132002	Vol. 3	Sec. 5	Page 1A	Issued:	1995-01-20
	Vol. 9	Sec. 1		Revised:	2010-07-19
		and Report			

General - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

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

- 1. A suitable enclosure shall be provided in each end-use equipment.
- 2. For LPT and LPS series, a suitable power supply disconnection means is to be provided by the end-use equipment.

For AE60-4200, the means of disconnection is provided by pulling the main plug.

- 3. The power supplies have only been evaluated for use in pollution degree 2 environment.
- 4. The secondary outputs of the power supplies are unearthed nonenergy hazard \*SELV. Method 1 of Sub-Clause 2.2 is used to maintain the isolation of SELV from mains circuits.
- 5. The power supplies are intended for use in Class I equipment.
- 6. These power supplies are not directly connected to protective earth of the branch circuit. Suitable earthing means is to be provided by the end product.
- 7. The power supplies have been evaluated for use in 25°C and 50°C ambient.
- 8 These components have been judged on the basis of the required creepages and clearances in the **Second** Edition of the Standard for Information Technology Equipment, UL 60950-1, **Second Edition**, Sub-clause 2.10, which covers the end -use product for which the component was designed. Operational insulations have been evaluated by conducting component failure tests per Sub-clause 5.3.4(c) of UL 60950-1, **Second** Edition.
- 9. The secondary output connector has not been evaluated for field connections.
- 10. These power supplies were evaluated under the assumption that the power source is a TN-S system as defined by UL 60950-1, **Second** Edition.
- 11. The maximum output power of the LPT and LPS series models are 60 W for convection cooling or 80 W with 30 cfm forced air. For AE60-4200, maximum output power is 70 W.