

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	420-61001430 Issue 19	T1	F
*LPS62, LPS63, LPS64, LPS65	420-61001330 Issue 18	T1	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.

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.