DESCRIPTION

PRODUCT COVERED:

USR, CNR - Linear Power Supplies, Models HDCC-150W-A, suffix after the first hyphen may be replaced by -5XX or -7XX, where X is 0-9. **Model number may be followed by "G" or SXXX or SXXXG where X indicates letters and/or number 0-9.**

ELECTRICAL RATINGS:

	Input			Output, (dc)	
Model	V	A	Hz	V	A
HDCC-150W-A	100/120/220/240	4/4/2/2	50/60	5	12
				12	3.4
				or 15	3
				-12	3.4
				or –15	3

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

Use - For use only in (or with) complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

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

USR/CNR indicates investigation to the U.S. and Canadian (Bi-National) Standard for Safety of Information Technology Equipment, Including Electrical Business Equipment, CAN/CSA C22.2, No. 60950-1/UL 60950-1, *First Edition, April 1, 2003.

The equipment was also evaluated to UL 508C, which covers Power Conversion Equipment. Must also be checked in end product.

The equipment is considered: For building in, Class I (earthed), intended for use on a TN power system.

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

*1. **This component has been judged on the basis of the required spacings in the Standard for Safety of Information Technology Equipment, CSA/UL 60950-1, First Edition, dated April 1, 2003, Sub-clause 2.10, which would cover the component itself if submitted for Listing.**

2. A suitable electrical and fire enclosure shall be provided.

3. The terminals and connectors are suitable for factory wiring only.

4. This power supply was evaluated for connection to a TN power system.

5. The products were tested on a 30 A branch circuit. If used on branch circuit greater than this, additional testing may be necessary. This power supply is considered a Class I product. The power supply shall be properly bonded to the main earthing termination in the end-use.

6. Bonding terminals provided on this equipment have not been evaluated as protective earthing terminals.

7. All secondary output circuits are SELV and are not hazardous energy levels.

8. Magnetic device (e.g. transformer) T1 employs an (OBJY3), electrical insulation system designated Class B.

9. This power supply has been evaluated for use in a 25°C and 50°C ambient in accordance with the manufacturer’s specifications. The unit was loaded to 100% normal rated load for 25°C convection cooling and 50°C with 100 LFM force air cooling.

10. The maximum working voltage present is 254 V rms, 368 V pk. The Electric Strength Tests in the end product shall be based on this value.

11. Transformer Abnormal Operation Tests were conducted with UL Listed fuses rated 250 V, 2 A connected in the ungrounded conductor circuit.

12. The equipment has been evaluated for use in a Pollution Degree 2 environment.