DESCRIPTION

PRODUCT COVERED:

USR, CNR - Linear Power Supply, Models HCC5-6/OVP, HCC15-3, HCC24-2.4, HCC512, followed by suffix -A. Suffixes after the first hyphen may be replaced by -5XX, or -7XX where X is 0-9.

ELECTRICAL RATING:

Model	Input			Output (dc)	
	V	A	Hz	V	#A
HCC5-6/OVP	100, 120/220, 230-240	2/1	50/60	5	6
				-5	6
HCC15-3	100, 120/220, 230-240	2/1	50/60	12 or 15	3.4 or 3
				-12 or -15	
HCC24-2.4	100, 120/220, 230-240	3/1.5	50/60	24	2.4
				-24	2.4
HCC512	100, 120/220, 230-240	3/1.5	50/60	5	6
				9 - 15	2.5

#Note: At 50 Hz, output current is derated by 10%.

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

Use - For use only in (or with) Applicant's Information Technology 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 * UL 60950, Third Edition, which are based on IEC 60950, Third Edition.

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

Conditions of Acceptability - When installed in the end-use equipment, consideration 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, Including Electrical Business Equipment, CAN/CSA C22.2, No. 60950 * UL 60950, Third Edition, which are based on IEC 60950, Sub-Clause 2.10, which would cover the component itself if submitted for Listing.

2. The products were tested on a 20 A branch circuit. If used on a branch circuit greater than this, additional testing may be necessary.

3. All secondary output circuits for all models are SELV and are not hazardous energy levels.

4. The terminals and connectors have not been evaluated for field wiring.

5. The power supply shall be properly bonded to the main protective earthing termination in the end product.

6. Magnetic device (e.g. transformer) T1 employ(s) an (OBJY3) electrical insulation system designated Class B.

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

8. A suitable Electrical and Fire enclosure shall be provided.

9. Abnormal Tests were evaluated with a UL Listed time-delay fuse rated as follows and connected in the ungrounded conductor circuit.

Model	Supply Voltage (V)	Fuse Rating (A)
HCC5-6/OVP	100, 120/220, 230-240	2/1
HCC15-3	100, 120/220, 230-240	2/1
HCC24-2.4	100, 120/220, 230-240	3/1.5
HCC512	100, 120/220, 220, 230-240	3/1.5

If a fuse other than noted above is used, additional testing may be necessary.

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

11. These power supplies have been evaluated for use in 25°C and 50°C ambient in accordance with the manufacturer's specifications. The units were loaded to 100% of normal rated load at 60 Hz, 10% derated at 50 Hz. At 50°C, all models required forced-air cooling to comply with the Heating Test requirements.

Models	Airflow
HCC5-6/OVP	100 LFM
HCC15-3	70 LFM
HCC24-2.4	80 LFM
HCC512	40 LFM