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REPORT

on

COMPONENT - POWER SUPPLIES, INFORMATION TECHNOLOGY EQUIP. INCLUDING ELEC.  
BUSINESS EQUIP. - COMPONENT

Nipron Co Ltd  
Hyogo-ken, Japan

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## DESCRIPTION

## PRODUCT COVERED:

USR/CNR Power Supply, Model PCTF-220P-xxx.  
(x is any number 0 to 9 or any letter A to Z)

## RATINGS:

Model	Input			Output						
	V ac	Hz	A	V dc	Max.		PEAK (+)			
					A	W	A	W	A	W
PCTF-220P-xxx	100-240	50/60	2.8-1.2	+5	10	Total	Total	15	Total	Total
				+3.3	10	66	186	16.7	18	75
				+12	10			12		
				-12	0.5	6		0.5		6
				+5	1.5	7.5		2.5		12.5

(+) Total power 194.1 W max.

Peak power max. 5 seconds, total 218.5 W max.

## 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 Standard for Safety of Information Technology Equipment, UL 60950 and CSA C22.2 No. 60950-00, Third Edition.**

**The component is Class I (earthed), for building in, intended for use on TN power system.**

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

1. This component has been judged on the basis of the required spacings in the Standard for Information Technology Equipment, UL 60950, Third Edition, Subclause 2.10.
2. All secondary output circuits are SELV and are not at hazardous energy levels.
3. The power supply shall be properly bonded to the main protective earthing termination in the end product.
4. The equipment has been evaluated for use in a Pollution Degree 2 environment.

5. The power supply shall be installed in compliance with the enclosure, mounting, spacing, casualty and segregation requirements of the end use product.

6. Output connectors are not intended for field wiring.

\*7. The maximum working voltage present is 744 Vpeak/461.6 Vrms. The Electric Strength Tests in the end product shall be based on this value.

8. The power supply is considered for use in a maximum ambient of 40°C (100% Load), 50°C (80% Load).

\*



CONSTRUCTION DETAILS:

See Sec. Gen. for additional details.

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